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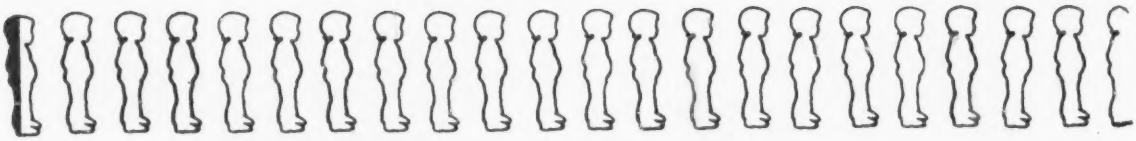
1981 utah vital statistics



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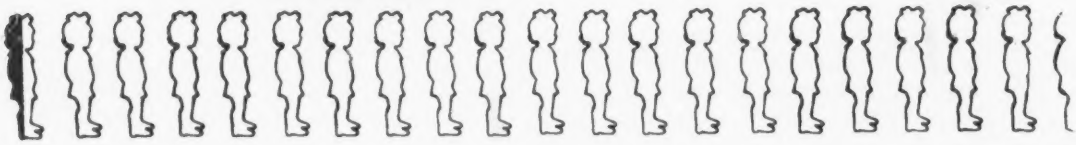

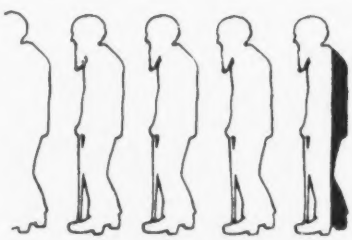

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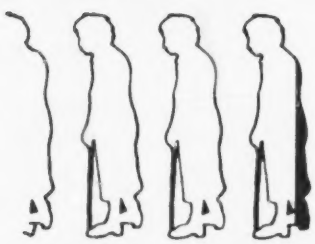

state of utah
department of health
office of management planning
bureau of health statistics

ON THE FRUNT COVER: EACH FIGURE REPRESENTS 1,000 VITAL EVENTS (BIRTHS OR DEATHS) IN 1981, TO MALE AND FEMALE RESIDENTS AND THE SHADED AREAS REPRESENT THESE VITAL EVENTS TO NON-WHITE RESIDENTS OF THE STATE.

UTAH VITAL STATISTICS

ANNUAL REPORT

1981

Utah Department of Health
Office of Management Planning
Bureau of Health Statistics
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PREFACE

This report contains data about vital events experienced by Utah residents in 1981. The source of these data is the approximately 50,000 birth and death certificates registered for 1981 in the Bureau of Health Statistics of the Utah Department of Health.

The purpose of this report is to provide needed data for planners, students, researchers, public officials, private business and the general public. Data are presented for the State of Utah, the multi-county districts, and each of their counties. Marriage and divorce statistics are provided as totals in this report. Another report of the Bureau treats them more extensively.

The initial part of this report contains a narrative section with tables and charts to provide some analyses and explanation of these data. This is followed by a section of reference tables with more detailed information. A listing of other available tables appears at the end of the table of contents. These tabulations will be provided upon request to the Bureau. The last section of the report is the Technical Appendix with information on the sources, quality, and limitations of data.

This publication was prepared under the direction of John E. Brockert, Director and Marvin Levy, Deputy Director. The narrative was written by Marvin Levy. The statistical tabulations were prepared by Gery E. Moore, Statistician. Dennis Lunt reviewed the tables and prepared the graphics. Norma Jacobsen prepared the manuscript and tables for printing.

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DEFINITIONS

This report uses many technical terms, which are defined to aid the reader in the correct interpretation of data.

GENERAL:

NATURAL INCREASE	The excess of births over deaths among residents of an area.
OCCURRENCE, PLACE OF	Data allocated by place where the event occurred (city, county, state), irrespective of the person's place of residence.
RACE	Race for mother, father, or decedent is as reported by the respondent on the certificate. Race of child is determined from the race of the parents.
RESIDENCE, PLACE OF	Data allocated by place of residence (city, county, state), irrespective of where the event occurred, e.g. resident live births (or fetal deaths) by place of residence of the infant's mother; resident deaths by place of residence of the decedent.
SPANISH ORIGIN	Spanish origin is self-defined by respondents in terms of parental ancestry. Persons of Spanish origin may be of any race.

BIRTH (NATALITY):

BIRTH WEIGHT	The weight of a fetus or infant at time of delivery (usually recorded in grams or pounds and ounces).
GESTATIONAL PERIOD	The number of weeks elapsed between the first day of the last menstrual period and date of delivery.
LIVE BIRTH	The complete expulsion or extraction from its mother of a product of human conception, irrespective of the duration of pregnancy, which, after separation, shows evidence of live.
LIVE BIRTH ORDER	Order number is equal to number of previous live births plus current birth.
LOW BIRTH WEIGHT	A live birth weighing less than 5 pounds 8 ounces (2,500 grams), regardless of the length of gestation (formerly referred to as premature birth).
OUT-OF-WEDLOCK BIRTHS	Births which occur when the mother has not married at any time during the pregnancy.

DEATHS (MORTALITY):

EXPECTED YEARS OF LIFE LOST	A life table is constructed which provides normal life expectancy according to a person's age. As males and females have different life expectancies, expected years of life are computed separately for each sex, as well as by cause of death. The difference between the normal life expectancy and the actual age at death is the number of expected years of life lost.
FETAL DEATH	Death prior to the complete expulsion or extraction from its mother of a product of human conception irespective of the duration of pregnancy, as indicated by the fact that after such expulsion or extraction the fetus does not show evidence of life. Consistent with Utah law, this report includes only fetal deaths which result from pregnancies of 20 or more weeks gestation.
INFANT DEATH	Death of a live born infant less than one year (365 days) of age. Infant deaths equal the sum of neonatal plus postneonatal deaths.
MATERNAL DEATH	Death of the mother attributable to complications of pregnancy, childbirth, or the puerperium.
NEONATAL DEATH	Death occurring to an infant less than 28 days of age.
POSTNEONATAL DEATH	Death of a live born infant between 28 days and less than one year (365 days) of age.
WORKING YEARS OF LIFE LOST	Working years of life are defined as the ages 15-64 years. Persons who die before 65 years of age are considered to have lost the number of working years between their age at death and 65. Persons who die at less than 15 years are defined as having lost 50 working years of life. Working years of life lost are computed separately for males and females and by cause of death.

RATES AND RATIOS:

(CRUDE) BIRTH RATE	The number of resident live births divided by the total resident population x 1,000.
GENERAL FERTILITY RATE	The number of resident live births divided by the total female population, 15-44 years of age x 1,000.
AGE-SPECIFIC FERTILITY RATE	The number of resident live births to females in a specific age group divided by the total number of resident females in that specific age group x 1,000.
OUT-OF-WEDLOCK BIRTH RATE	The number of out-of-wedlock, resident live births divided by the total number of live births x 1,000.

RATES AND RATIOS (CONTINUED):

LOW BIRTH WEIGHT PERCENTAGE	The number of resident low birth weight infants divided by the total resident live births x 100.
(CRUDE) DEATH RATE	The number of resident deaths divided by the total resident population x 1,000.
AGE-SPECIFIC DEATH RATE	The number of resident deaths in a specific age group divided by the total resident population in that specific age group x 100,000.
CAUSE-SPECIFIC DEATH RATE	The number of resident deaths due to a specific cause divided by the total resident population x 100,000.
AGE-SPECIFIC DEATH RATE BY CAUSE OF DEATH	The number of resident deaths in a specific age group from a specific cause divided by the total resident population in that specific age group x 100,000.
MATERNAL MORTALITY RATE	The number of resident maternal deaths divided by the total resident live births x 100,000.
INFANT MORTALITY RATE	The number of resident infant deaths divided by the total resident live births x 1,000.
NEONATAL DEATH RATE	The number of resident neonatal deaths divided by the total number of resident live births x 1,000.
POSTNEONATAL DEATH RATE	The number of resident postneonatal deaths divided by the total number of resident live births x 1,000.
FETAL DEATH RATE	The number of resident fetal deaths divided by the total resident live births plus the resident fetal deaths x 1,000.
FETAL DEATH RATIO	The number of resident fetal deaths divided by the total resident live births x 1,000.

SYMBOLS

Quantity (frequency) is zero	--
Percentage or rate equals zero	0.0
Percentage or rate is not applicable	footnote
Date not available	N.A.

AN OVERVIEW OF UTAH'S VITAL STATISTICS, 1981

The census of Utah's population on April 1, 1980, was 1,461,037 persons. The estimated population on July 1, 1981, was 1,520,000 persons. This July 1, estimate is an increase of 3.1 percent over the estimated population of 1,474,000 for July 1, 1980. During the same period of time, the United States population increased by .9 percent.

There were 41,286 live births recorded to Utah residents for a crude birth rate of 27.2 live births per 1,000 population. The birth rate nationally was 15.9[a]. The fertility rate, a more precise measure of fecundity than the crude birth rate, was 117.6 live births per 1,000 females 15-44 years of age in Utah. Nationally, the fertility rate was 67.8.

There were 8,263 Utah resident deaths resulting in a mortality rate of 5.4 deaths per 1,000 population, a two percent decrease from the rate of 5.5 in 1980. The corresponding rates for the United States were 8.7 in 1981 and 9.3 in 1980. The decrease in rates nationally was more than six percent.

Four hundred and three Utah infants died during their first year of life in 1981, for an infant mortality rate of 9.8 infant deaths per 1,000 live births. The corresponding rate nationally, 11.7, was the lowest infant mortality rate ever recorded at the national level. The neonatal mortality rate was 5.8 deaths per 1,000 live births. This rate was 12 percent lower than the rate of 6.6 in 1980. The neonatal mortality rate nationally was 7.8, a decrease of more than seven percent from the rate of 8.4 in 1980. The postneonatal mortality rate in Utah, deaths from 28 days through the first year was 3.9 per 1,000 live births, a slight increase of almost three percent from the rate of 3.8 in 1980. Nationally, this rate decreased from 4.1 in 1980 to 3.9 in 1981.

There were 316 stillbirths to Utah residents, representing a fetal mortality ratio of 7.7 fetal deaths per 1,000 live births, a decrease of slightly more than one percent from 1980. The fetal mortality ratio nationally was 9.5 per thousand live births in 1979, the latest year for which data are available.

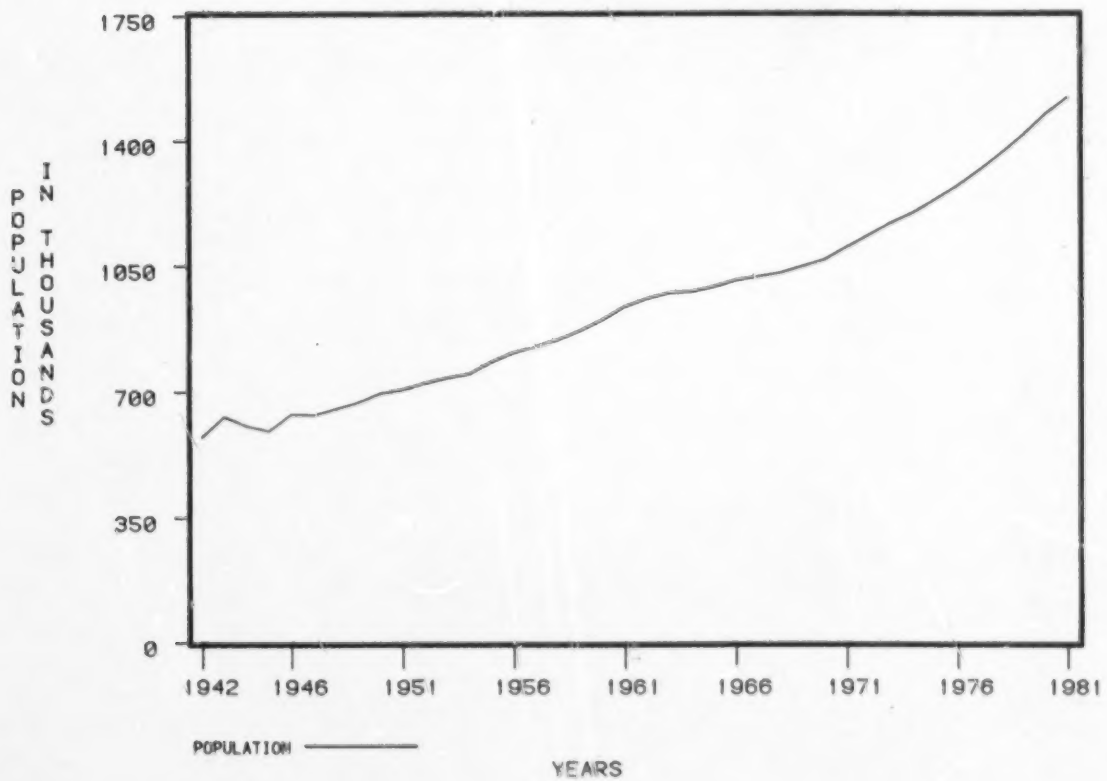
---

[a]All rate comparisons with the United States are provisional for 1981, unless otherwise indicated.

There were 17,914 marriages performed and 8,077 divorces and annulments granted in Utah during 1981. This gave Utah marriage and divorce rates of 11.8 and 5.3 per 1,000 population, respectively. More detailed data will be found in the annual report, Utah Marriage and Divorce, 1980-1981, published by this bureau. Historical trends in Utah's population and vital events are summarized in Tables 1 and 2 and Figures 1-5.

FIGURE 1

ESTIMATED RESIDENT POPULATION
JULY 1, EACH YEAR: UTAH, 1942-1981



Utah's 29 counties are divided into 7 multi-county planning regions. The map in Figure 6 depicts these county groupings. Table 3 summarizes the number, rates and ratios of resident vital events, i.e., live births; deaths; fetal deaths; induced abortions; and infant deaths by district and county in Utah for 1981. In counties with more than 100 resident live births, Uintah County had the highest crude birth rate, 33.7 live births per 1,000 population, Utah County was second (32.8); Duchesne was third (31.5); Emery

TABLE 1

STATISTICAL SUMMARY, ESTIMATED MIDYEAR POPULATION, LIVE BIRTHS, DEATHS
MATERNAL DEATHS, INFANT DEATHS, FETAL DEATHS, MARRIAGES,
DIVORCES AND ANNULMENTS: UTAH, 1935-1981

YEAR	ESTIMATED[1] MIDYEAR POPULATION	LIVE[2] BIRTHS	DEATHS	MATERNAL DEATHS	INFANT DEATHS	FETAL DEATHS	MARRIAGES	DIVORCES AND ANNULMENTS
1981	1,520,000	41,286	8,263	1	403	316	17,914	8,077
1980	1,474,000	41,786	8,103	3	435	302	16,957	7,811
1979	1,416,000	41,078	7,871	6	438	317	16,713	7,594
1978	1,364,000	38,811	7,871	2	443	283	16,489	7,175
1977	1,316,000	37,956	7,612	4	381	318	15,098	6,947
1976	1,272,000	35,310	7,472	7	414	275	14,693	6,170
1975	1,234,000	31,667	7,519	6	415	257	14,858	6,131
1974	1,197,000	29,946	7,380	2	364	286	15,164	5,670
1973	1,169,000	27,978	7,573	5	354	219	14,840	5,137
1972	1,135,000	26,911	7,323	12	360	263	13,911	4,876
1971	1,101,000	27,552	7,245	2	382	258	12,497	4,419
1970	1,066,000	26,969	7,063	6	405	298	11,938	3,912
1969	1,047,000	24,232	6,791	4	382	238	11,633	3,841
1968	1,029,000	23,193	6,882	3	410	240	11,558	3,390
1967	1,019,000	22,948	6,516	3	383	241	10,220	3,288
1966	1,009,000	22,601	6,850	5	414	222	9,623	3,090
1965	991,000	22,261	6,672	5	419	224	8,736	2,872
1964	978,000	23,844	6,404	3	482	237	8,525	2,895
1963	974,000	24,952	6,544	4	464	288	8,194	2,659
1962	958,000	26,213	6,325	9	525	290	7,651	2,480
1961	936,000	26,590	6,081	7	538	263	7,401	2,360
1960	900,000	26,272	5,997	5	517	276	7,119	2,167
1959	870,000	25,645	5,879	10	514	321	6,734	2,179
1958	845,000	25,384	5,809	10	564	325	6,600	2,002
1957	826,000	26,064	5,696	8	561	317	6,672	1,565
1956	809,000	24,971	5,224	7	571	320	6,657	2,189
1955	783,000	24,602	5,092	7	507	330	6,294	2,059
1954	750,000	24,305	4,992	6	506	325	6,295	2,140
1953	739,000	23,583	5,084	5	565	301	6,926	2,433
1952	724,000	23,732	5,188	11	590	313	6,752	2,331
1951	706,000	22,769	4,895	10	565	276	6,843	2,271
1950	696,000	21,192	4,974	7	506	256	7,110	2,107
1949	671,000	21,164	4,929	5	527	297	6,402	2,166
1948	653,000	20,714	5,070	12	550	298	7,327	2,199
1947	636,000	21,724	4,996	17	545	303	7,965	2,927
1946	638,000	18,220	4,785	25	496	293	9,781	3,434
1945	591,000	15,680	4,859	21	488	268	7,034	2,651
1944	605,000	16,043	4,727	22	548	248	6,262	2,995
1943	631,000	16,940	4,713	27	539	275	6,705	1,982
1942	575,000	15,520	4,622	27	522	281	6,081	1,433
1941	551,000	13,227	4,347	26	402	268	7,263	1,360
1940	554,000	13,347	4,845	36	539	253	8,254	1,500
1939	543,000	13,007	4,712	40	544	278	(3)	(3)
1938	535,000	13,214	4,853	40	610	280	(3)	(3)
1937	529,000	12,693	4,989	42	525	262	(3)	(3)
1936	527,000	12,551	5,126	55	661	255	(3)	(3)
1935	526,000	12,695	5,066	59	625	274	(3)	(3)

[1]THE POPULATION ESTIMATES FOR 1935-1959 WERE REVISED TO AGREE WITH U. S. CENSUS ESTIMATES IN, UTAH VITAL STATISTICS ANNUAL REPORT, 1977; WHILE THE ESTIMATES FOR 1971-1979 HAVE BEEN REVISED IN THIS ISSUE TO AGREE WITH THE UTAH POPULATION WORK COMMITTEE ESTIMATES. BOTH WILL NOT AGREE WITH PRIOR REPORTS IN THIS SERIES.

[2]RESIDENT LIVE BIRTHS AND DEATHS HAVE BEEN REVISED TO AGREE WITH EARLIER RECORDS OF THE DEPARTMENT OF HEALTH, AS FOLLOWS: BIRTHS 1941-1944, 1948-1956; AND, DEATHS 1941-1944, 1949-1956.

[3]INFORMATION NOT AVAILABLE.

TABLE 2

LIVE BIRTHS, DEATHS, NATURAL INCREASE, FETAL DEATHS, INFANT DEATHS, MARRIAGE DIVORCE AND ANNULMENT RATES: UTAH AND UNITED STATES, 1950-1981

YEAR	BIRTH		DEATH		NATURAL INCREASE		SPONTANEOUS FETAL DEATH		INFANT DEATHS		MARRIAGE		DIVORCE AND ANNULMENT	
	UTAH	U.S.	UTAH	U.S.	UTAH	U.S.	UTAH	U.S.	UTAH	U.S.	UTAH	U.S.	UTAH	U.S.
1981	27.2	15.9	5.4	8.7	21.7	7.2	7.7	N.A.	9.8	11.7	11.8	10.6	5.3	5.3
1980	28.3	15.8	5.5	8.7	22.8	7.1	7.8	N.A.	10.4	12.5	11.5	10.9	5.3	5.3
1979	29.0	15.6	5.6	8.5	23.4	7.1	7.7	9.5	10.7	13.1	11.8	10.7	5.4	5.3
1978	28.5	15.0	5.8	8.7	22.7	6.3	7.3	9.7	11.4	13.8	12.1	10.5	5.3	5.2
1977	28.8	15.1	5.8	8.6	23.0	6.5	8.4	9.9	10.0	14.1	11.5	10.1	5.3	5.0
1976	27.8	14.6	5.9	8.8	21.9	5.8	7.8	10.5	11.7	15.2	11.6	9.9	4.9	5.0
1975	25.7	14.6	6.1	8.8	19.6	5.8	8.1	10.7	13.1	16.1	12.0	10.0	5.0	4.8
1974	25.0	14.8	6.2	9.1	18.8	5.7	9.6	11.5	12.2	16.7	12.7	10.5	4.7	4.6
1973	23.9	14.8	6.5	9.3	17.4	5.5	7.8	12.2	12.7	17.7	12.7	10.9	4.4	4.4
1972	23.7	15.6	6.5	9.4	17.2	6.2	9.8	12.7	13.4	18.5	12.3	11.0	4.3	4.0
1971	25.0	17.2	6.6	9.3	18.4	7.9	9.4	13.4	13.9	19.1	11.4	10.6	4.0	3.7
1970	25.3	18.7	6.6	9.5	18.7	9.2	11.0	14.2	15.0	20.0	11.2	10.6	3.7	3.5
1969	23.1	17.8	6.5	9.5	16.6	8.3	9.8	14.1	15.8	20.9	11.1	10.6	3.7	3.2
1968	22.5	17.5	6.7	9.7	15.8	7.8	10.3	15.8	17.7	21.8	11.2	10.4	3.3	2.9
1967	22.5	17.8	6.4	9.4	16.1	8.4	10.5	15.6	16.7	22.4	10.0	9.7	3.2	2.6
1966	22.4	18.4	6.8	9.5	15.6	8.9	9.8	15.7	18.3	23.7	9.5	9.4	3.1	2.5
1965	22.5	19.4	6.7	9.4	15.8	10.0	10.1	16.2	18.8	24.7	8.8	9.3	2.9	2.5
1964	24.4	21.0	6.5	9.4	17.9	11.6	9.9	16.4	20.2	24.8	8.7	9.0	3.0	2.4
1963	25.6	21.7	6.7	9.5	18.9	12.2	11.5	15.8	18.6	25.2	8.4	8.8	2.7	2.3
1962	27.4	22.4	6.6	9.4	20.8	13.0	11.1	15.9	20.0	25.3	8.0	8.5	2.6	2.2
1961	28.4	23.3	6.5	9.3	21.9	14.0	9.9	16.1	20.2	25.3	7.9	8.5	2.5	2.3
1960	29.2	23.7	6.7	9.5	22.5	14.2	10.5	16.1	19.7	26.0	7.9	8.5	2.4	2.2
1959	29.5	24.0	6.8	9.3	22.7	14.7	12.5	16.2	20.0	26.4	7.7	8.5	2.5	2.2
1958	30.0	24.3	6.9	9.4	23.1	14.9	12.8	16.5	22.2	27.1	7.8	8.4	2.4	2.1
1957	31.6	25.0	6.9	9.5	24.7	15.5	12.2	16.3	21.5	26.3	8.1	8.9	1.9	2.2
1956	30.9	24.9	6.5	9.3	24.4	15.6	12.8	16.5	22.9	26.0	8.2	9.5	2.7	2.3
1955	31.4	24.6	6.5	9.2	24.9	15.4	13.4	17.1	20.6	26.4	8.0	9.3	2.6	2.3
1954	32.4	24.9	6.7	9.1	25.7	15.8	13.4	17.5	20.8	26.6	8.4	9.2	2.9	2.4
1953	31.9	24.7	6.9	9.4	25.0	15.3	12.8	17.8	24.0	27.8	9.4	9.8	3.3	2.5
1952	32.8	24.7	7.2	9.4	25.6	15.3	13.2	18.3	24.9	28.4	9.3	9.9	3.2	2.5
1951	32.2	24.5	6.9	9.5	25.3	15.0	12.2	18.8	24.9	28.4	9.7	10.4	3.2	2.5
1950	30.4	23.6	7.1	9.5	23.3	14.1	12.1	19.2	23.9	29.2	10.2	11.1	3.0	2.6

NOTE: RESIDENT BIRTH, DEATH, MARRIAGE AND DIVORCE RATES ARE PER 1,000 POPULATION. THE INFANT MORTALITY RATE AND SPONTANEOUS FETAL DEATH RATIO ARE PER 1,000 RESIDENT LIVE BIRTHS. N.A. = NOT AVAILABLE.

FIGURE 2
CRUDE BIRTH RATES:
UTAH AND UNITED STATES, 1950-1981

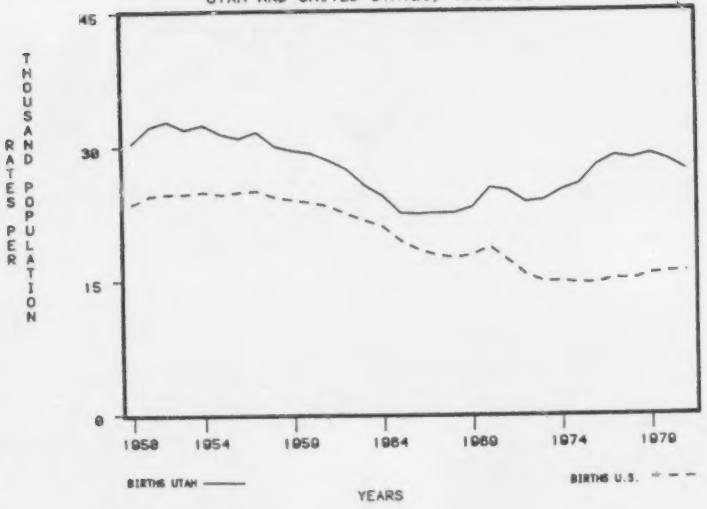


FIGURE 3
CRUDE DEATH RATES:
UTAH AND UNITED STATES, 1950-1981

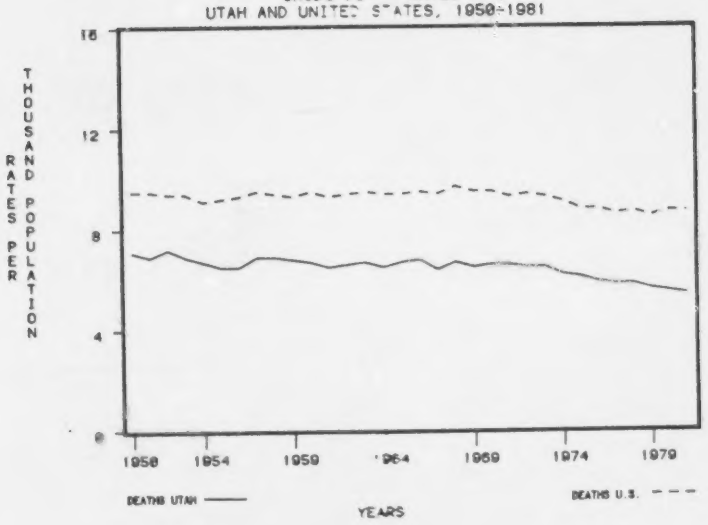


FIGURE 4
RATE OF NATURAL INCREASE:
UTAH AND UNITED STATES, 1950-1981

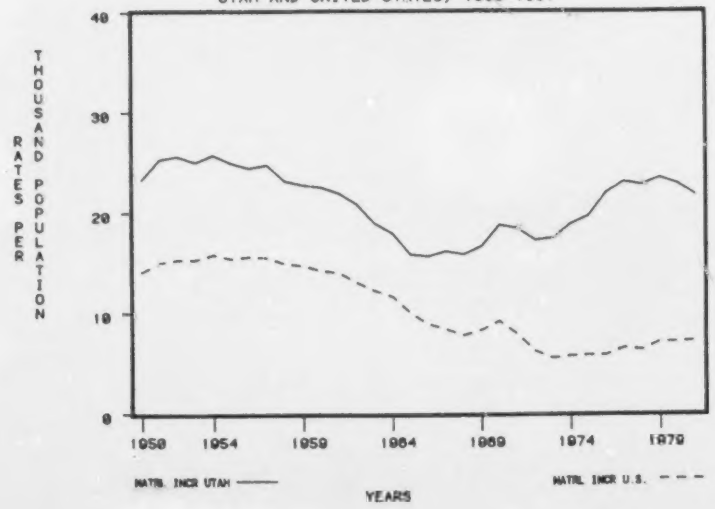


FIGURE 5
INFANT MORTALITY RATES:
UTAH AND UNITED STATES, 1950-1981

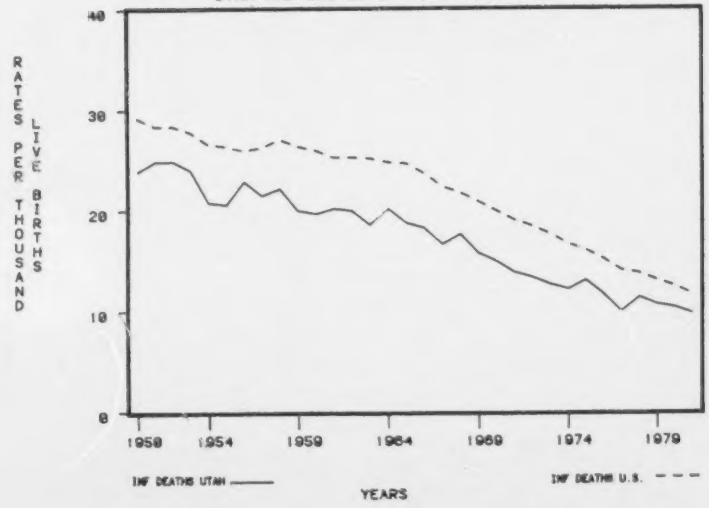
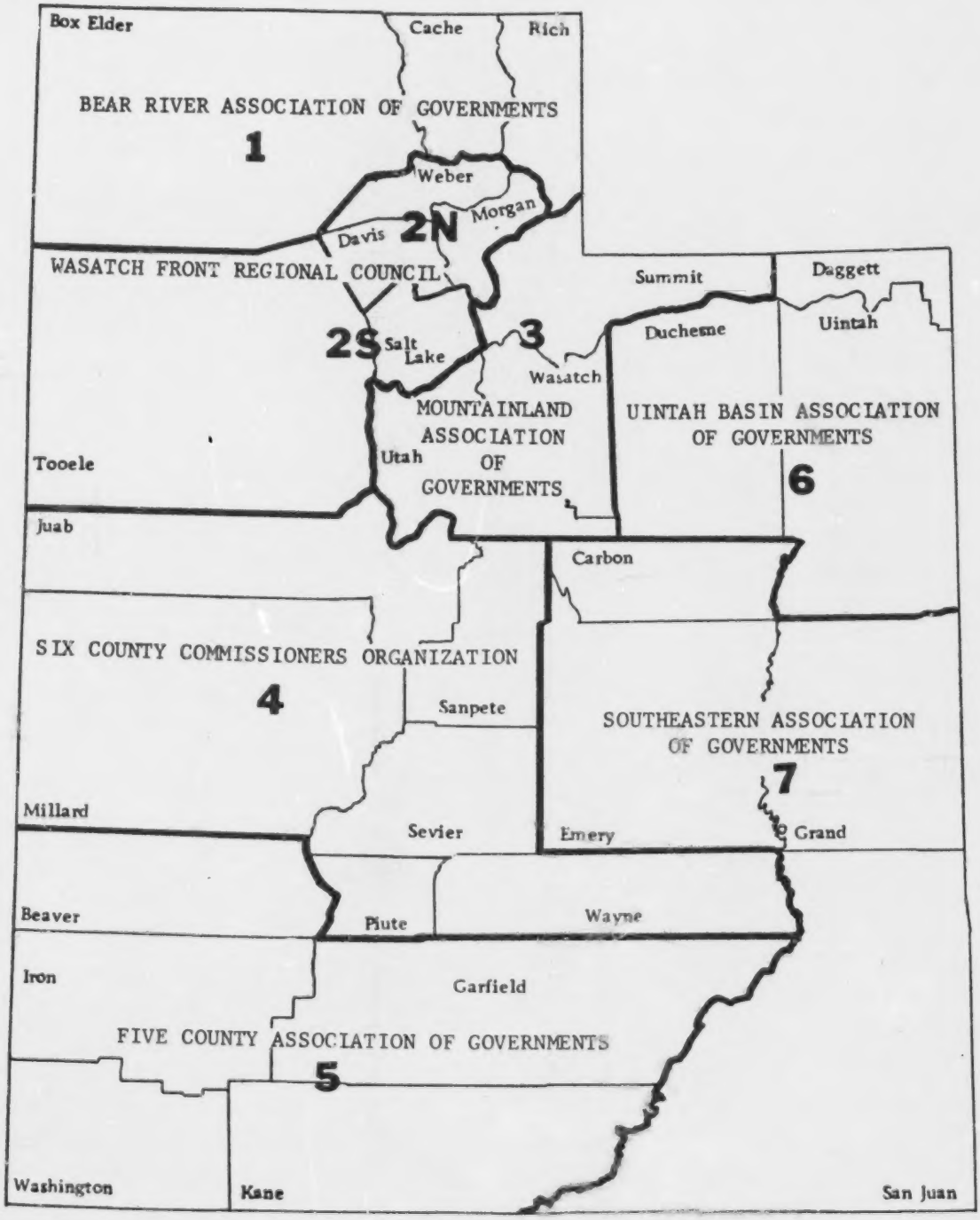


FIGURE 6

PLANNING DISTRICTS AND COUNTIES: UTAH, 1981



and Millard were tied for fourth (31.4); and Cache County was sixth (30.9). Morgan and Summit counties had the lowest birth rates, 20.8 and 22.2 respectively.

TABLE 3

STATISTICAL SUMMARY, ESTIMATED MIDYEAR POPULATION, LIVE BIRTHS, DEATHS, INDUCED ABORTIONS, INFANT DEATHS, AND FETAL DEATHS BY DISTRICT AND COUNTY OF RESIDENCE: UTAH, 1981

DISTRICT AND COUNTY	ESTIMATED MIDYEAR POPULATION	LIVE BIRTHS		DEATHS		INDUCED ABORTIONS		INFANT DEATHS		FETAL DEATHS	
		NUMBER	RATE	NUMBER	RATE	NUMBER	RATIO	NUMBER	RATE	NUMBER	RATIO
TOTAL	1,520,000	41,286	27.2	8,263	5.4	3,842	86.7	403	9.8	316	7.7
DISTRICT 1	96,350	2,864	29.7	516	5.4	164	57.3	30	10.5	22	7.7
BOX ELDER	34,100	932	27.3	224	6.6	25	26.8	5	--	13	13.9
CACHE	60,000	1,854	30.9	284	4.7	135	72.8	25	13.5	9	4.9
RICH	2,250	78	34.7	8	3.6	4	--	--	--	--	--
DISTRICT 2N	307,100	7,666	25.0	1,571	5.1	680	88.7	77	10.0	60	7.8
DAVIS	154,000	3,964	25.7	535	3.5	267	67.4	30	7.6	32	8.1
MORGAN	5,100	106	20.8	29	5.7	2	--	--	--	2	--
WEBER	148,000	3,596	24.3	1,007	6.8	411	114.3	47	13.1	26	7.2
DISTRICT 2S	667,900	17,084	25.6	3,776	5.7	2,336	136.7	142	8.3	146	8.5
SALT LAKE	641,000	16,415	25.6	3,638	5.7	2,282	139.0	135	8.2	144	8.8
TOOELE	26,900	669	24.9	138	5.1	54	80.7	7	10.5	2	--
DISTRICT 3	248,800	7,994	32.1	1,035	4.2	240	30.0	86	10.8	43	5.4
SUMMIT	11,000	244	22.2	67	6.1	72	295.1	4	--	3	--
UTAH	229,000	7,505	32.8	907	4.0	160	21.3	77	10.3	39	5.2
WASATCH	8,800	245	27.8	61	6.9	8	32.7	5	--	1	--
DISTRICT 4	49,150	1,310	26.7	394	8.0	22	16.8	10	7.6	12	9.2
JUAB	5,600	148	26.4	38	6.8	2	--	--	--	--	--
MILLARD	9,600	301	31.4	78	8.1	5	--	3	--	2	--
PIUTE	1,400	25	17.9	10	7.1	--	--	1	--	1	--
SANPETE	15,400	364	23.6	128	8.3	5	--	2	--	6	--
SEVIER	15,200	424	27.9	126	8.3	7	16.5	4	--	3	--
WAYNE	1,950	48	24.6	14	7.2	3	--	--	--	--	--
DISTRICT 5	58,150	1,630	28.0	416	7.2	10	6.1	17	10.4	7	4.3
BEAVER	4,600	117	25.4	42	9.1	2	--	--	--	--	--
GARFIELD	3,700	95	25.7	37	10.0	1	--	3	--	--	--
IRON	18,000	509	28.3	106	5.9	3	--	5	--	3	--
KANE	3,950	86	21.8	27	6.8	--	--	1	--	--	--
WASHINGTON	27,900	823	29.5	204	7.3	4	--	8	9.7	4	--
DISTRICT 6	36,050	1,183	32.8	217	6.0	44	37.2	10	8.5	15	12.7
DAGGETT	850	26	30.6	7	8.2	1	--	--	--	--	--
DUCHESNE	13,100	412	31.5	81	6.2	18	43.7	2	--	2	--
UINTAH	22,100	745	33.7	129	5.8	25	33.6	8	10.7	13	17.4
DISTRICT 7	56,400	1,555	27.6	338	6.0	77	49.5	31	19.9	11	7.1
CARBON	23,200	581	25.0	163	7.0	49	84.3	10	17.2	3	--
EMERY	12,100	380	31.4	73	6.0	14	36.8	10	26.3	4	--
GRAND	8,400	224	26.7	49	5.8	12	53.6	5	--	1	--
SAN JUAN	12,700	370	29.1	53	4.2	2	--	6	--	3	--

NOTE: BIRTH AND DEATH RATES ARE PER 1,000 POPULATION. INFANT MORTALITY RATES AND FETAL DEATH AND ABORTION RATIOS ARE PER 1,000 LIVE BIRTHS. RATES AND RATIOS ARE NOT COMPUTED FOR LESS THAN 7 EVENTS. TOTAL ABORTIONS INCLUDE 3 WITH COUNTY NOT STATED.

More than three-quarters of Utah's population live in the counties along the Wasatch Front (Davis, Salt Lake, Utah, and Weber) within a 50-mile radius of Salt Lake City. Table 4 contains a brief summary of the vital events for residents of the four "urban counties," and the balance of the State, i.e., the rural counties.

TABLE 4

POPULATION, BIRTHS, DEATHS, AND RATES BY RURAL-URBAN
COUNTY OF RESIDENCE: UTAH, 1981

	ESTIMATED POPULATION 7/1/81	LIVE BIRTHS		DEATHS		INFANT DEATHS		FETAL DEATHS	
		NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATIO
URBAN COUNTIES	1,172,000	31,480	26.9	6,087	5.2	289	9.2	241	7.7
RURAL COUNTIES	348,000	9,806	28.2	2,176	6.3	114	11.6	75	7.6

NOTE: URBAN COUNTIES ARE DAVIS, SALT LAKE, UTAH, AND WEBER. THE BIRTH AND DEATH RATES ARE PER 1,000 POPULATION. THE INFANT DEATH RATE AND FETAL DEATH RATIO ARE PER 1,000 LIVE BIRTHS.

In the urban counties, the birth, death and infant death rates were all lower; while the fetal death rate was slightly higher than the rural rates. The higher mortality rate in rural areas can partially be attributed to the "older" rural population.

Another approach to the rural-urban analysis is to use the Bureau of Census' classification of Standard Metropolitan Statistical Area (SMSA), urban and rural areas from the 1980 census.[1]

There are two SMSAs in Utah. One, the Salt Lake-Ogden area, consists of Davis, Salt Lake, Tooele, and Weber Counties. The 1981 adjusted population of this SMSA was 974,320. The second SMSA is entirely within Utah County, and its adjusted population was 226,480 in 1981.

The urban population is defined as,

> ". . . all persons living in urbanized areas and in places of 2,500 or more inhabitants outside urbanized areas. More specifically, the urban population consists of all persons living in (1) places of 2,500 or more inhabitants incorporated as cities, villages, boroughs...and towns..., but excluding those persons living in the rural portions of extended cities;..."[2]

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[1] Census of Population and Housing: 1980, Provisional Estimates of Social, Economic, and Housing Characteristics, Supp. Report, PHC80-S1-1, Bureau of the Census, U.S. Govt. Printing Office, Washington, D.C., March 1982, p. A-1.

[2] ibid.

For purposes of this analysis the following cities make up the "urban" category: Blanding, Brigham City, Cedar City, Ephraim, Heber, Helper, Hyrum, Logan, Moab, Nephi, Park City, Price, Providence, Richfield, Roosevelt, St. George, Smithfield, Tremonton, Vernal and Washington City.

The "rural" population is defined as all persons residing in the 24 counties except Davis, Salt Lake, Tooele, Utah, and Weber; and excluding the populations for the 20 cities listed in the preceding paragraph, which are defined as urban.

Table 5 shows a comparison of vital events for the two SMSAs combined, the "urban," and "rural" areas. This summary includes some rural areas within the two SMSAs; while some small urban areas, e.g., Delta and Manti, are included in the rural grouping. This tabulation is more sensitive than the one in Table 4. On all four indicators, the "urban" had the highest rates (births, deaths, infant death) and fetal death ratio. The SMSAs had the lowest birth rate despite the inclusion of Utah County which had the second highest birth rate of any county in the State. The "rural" area ranked in the middle on all four of these indicators, except it had the same mortality rate, 6.4 deaths per thousand population, as the "urban" area.

TABLE 5

LIVE BIRTHS, DEATHS, INFANT AND FETAL DEATHS BY DEGREE
URBAN: UTAH, 1981

	ADJUSTED POPULATION 7/1/81	LIVE BIRTHS		DEATHS		INFANT DEATHS		FETAL DEATHS	
		NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATIO
SMSAs	1,200,800	32,149	26.8	6,225	5.2	296	9.2	243	7.6
URBAN	138,320	4,053	29.3	889	6.4	50	12.3	34	8.4
RURAL	180,880	5,084	28.1	1,149	6.4	57	11.2	39	7.7

NOTE: THE ADJUSTED POPULATIONS OF THE SMSAs, URBAN AND RURAL AREAS, ARE STRAIGHT-LINE ADJUSTMENTS BASED ON THE PERCENTAGE DISTRIBUTION OF THE 1980 CENSUS APPLIED TO THE ESTIMATED STATE POPULATION OF JULY 1, 1981. THE BIRTH AND DEATH RATES ARE PER 1,000 POPULATION. THE INFANT DEATH RATE AND FETAL DEATH RATIO ARE PER 1,000 LIVE BIRTHS.

UTAH'S POPULATION

This chapter is similar to the 1980 annual report. Several tables have been updated to reflect results of the 1980 census. These tables have been included to facilitate use of this report.

The decennial census of the United States was conducted on April 1, 1980. Utah's population on that date was 1,461,037 persons. Table 6 shows the intercensal population estimates of Utah and its counties for the period July 1, 1970 through July 1, 1981. These estimates have been adopted by the Utah Census Data Center as the official population estimates for Utah State government during the past decade.[1]

The populations of Utah by race, Spanish origin, district and county are shown in Table 7. Table 8 shows these distributions for cities of 20,000 or more population.

State distributions of persons per family, persons per household and children ever born to women are indicated in Table 9. Table 10 summarizes the distribution of household size by district and county of residence in Utah for 1980. Table 11 is an historical summary of average family size and children ever born to women ever married, 15-44 years of age in Utah and the United States. Average family size includes parents while children ever born is a measure of fertility.

For additional population data, contact the Bureau of Health Statistics or the State Planning Coordinator's Office.

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[1]Watanabe, Jeannie, K. E. Jensen, F. C. Hachman and J. E. Brockert, "1981 Population Estimates for Utah," Utah Economic and Business Review, February 1982, Vol. 42, No. 2, 1-9, Bureau of Economic and Business Research, University of Utah, Salt Lake City, Utah.

TABLE 6

INTERCENSAL POPULATION ESTIMATES BY COUNTY: UTAH, JULY 1, 1970 TO JULY 1, 1981

	APRIL 1 1970 CENSUS	ESTIMATED POPULATION JULY 1, 1971	1972	1973	1974	1975	1976	1977	1978	1979	APRIL 1 1980 CENSUS	ESTIMATED POPULATION JULY 1, 1980	1981
TOTAL	1,066,000	1,101,000	1,135,000	1,169,000	1,197,000	1,234,000	1,272,000	1,316,000	1,364,000	1,416,000	1,461,037	1,474,000	1,520,000
BEAVER	3,850	3,850	3,850	3,850	3,950	3,900	4,000	4,150	4,200	4,350	4,350	4,400	4,600
BOX ELDER	28,150	28,450	28,800	29,200	29,100	29,900	30,100	30,800	31,500	32,350	33,222	33,500	34,100
CACHE	42,550	43,150	44,050	45,350	46,850	48,100	50,100	51,700	53,200	54,800	57,176	57,700	60,000
CARBON	15,750	16,650	17,200	17,550	17,900	18,750	19,450	20,150	20,750	21,350	22,179	22,350	23,200
DAGGETT	650	650	600	600	700	800	750	700	750	750	769	750	850
DAVIS	99,600	107,800	113,300	116,600	119,900	123,900	128,100	133,200	134,900	142,400	146,540	147,900	154,000
DUCHESNE	7,400	8,500	9,900	11,000	11,550	11,500	11,150	11,400	11,600	11,850	12,565	12,650	13,100
EMERY	5,150	5,600	6,100	6,700	6,800	7,600	8,850	9,700	10,300	11,000	11,451	11,650	12,100
GARFIELD	3,150	3,100	3,100	3,050	3,100	3,200	3,250	3,350	3,350	3,450	3,673	3,700	3,700
GRAND	6,600	6,550	6,500	6,450	6,500	6,900	7,300	7,650	8,100	7,950	8,241	8,250	8,400
IRON	12,300	13,300	14,050	14,200	14,500	14,950	15,500	16,000	16,650	17,050	17,349	17,450	18,000
JUAB	4,600	4,600	4,700	4,800	5,000	4,950	5,050	5,150	5,250	5,400	5,530	5,550	5,600
KANE	2,450	2,800	2,950	3,150	3,250	3,350	3,500	3,750	3,850	3,800	4,024	4,050	3,950
MILLARD	7,050	7,150	7,350	7,400	7,500	7,900	7,950	8,050	8,250	8,550	8,970	9,050	9,600
MORGAN	4,050	4,050	4,050	4,200	4,350	4,350	4,500	4,600	4,600	4,800	4,917	4,950	5,100
PIUTE	1,150	1,150	1,150	1,200	1,200	1,250	1,200	1,200	1,250	1,250	1,329	1,350	1,400
RICH	1,600	1,550	1,550	1,550	1,650	1,700	1,700	1,850	1,800	2,050	2,100	2,150	2,250
SALT LAKE	461,500	467,300	477,100	491,800	504,500	521,200	539,400	556,000	576,600	599,100	619,066	624,500	641,000
SAN JUAN	9,700	9,600	9,850	10,050	10,350	10,700	10,750	11,350	11,800	12,150	12,253	12,400	12,700
SANPETE	11,000	11,250	11,400	11,850	11,900	12,150	12,500	13,050	13,650	14,050	14,620	14,750	15,400
SEVIER	10,150	10,850	11,350	11,750	11,950	12,550	13,050	13,400	14,000	14,450	14,727	14,850	15,200
SUMMIT	5,900	6,400	6,900	7,050	7,300	7,500	7,850	8,450	8,950	9,500	10,198	10,350	11,000
TOOELE	21,600	21,700	21,800	22,150	22,650	23,150	23,550	24,250	24,850	25,450	26,033	26,200	26,900
UINTAH	12,800	14,100	15,250	16,050	16,950	17,350	17,500	18,450	19,000	19,800	20,506	20,700	22,100
UTAH	139,300	151,000	160,400	166,100	171,100	176,800	184,700	193,700	203,100	211,500	218,106	220,400	229,000
WASATCH	5,950	6,350	6,650	6,700	6,650	7,000	7,200	7,550	7,850	8,000	8,523	8,650	8,800
WASHINGTON	13,900	15,100	16,150	17,600	18,150	19,000	20,250	21,550	23,050	25,000	26,065	26,450	27,900
WAYNE	1,450	1,500	1,450	1,500	1,550	1,600	1,650	1,700	1,800	1,900	1,911	1,950	1,950
WEBER	126,700	127,100	127,600	129,500	130,100	131,900	131,200	133,100	138,800	141,900	144,616	145,400	148,000

TABLE 7

POPULATION BY RACE AND SPANISH ORIGIN BY DISTRICT AND COUNTY OF RESIDENCE: UTAH, CENSUS, APRIL 1, 1980

DISTRICT AND COUNTY	TOTAL	NUMBER OF PERSONS BY RACE					
		WHITE	BLACK	AM. INDIAN ESKIMO AND ALEUT	ASIAN AND PACIFIC ISLANDER	OTHER	SPANISH ORIGIN
TOTAL	1,461,037	1,382,550	9,225	19,256	15,076	34,930	60,302
DISTRICT 1	92,498	88,386	224	1,508	1,069	1,311	2,023
DISTRICT 2N	296,073	278,264	4,460	1,512	3,144	8,693	14,055
DISTRICT 2S	645,099	607,840	4,224	4,694	8,163	20,178	33,262
DISTRICT 3	236,827	229,815	158	1,985	2,019	2,850	5,365
DISTRICT 4	47,087	45,869	28	533	222	435	696
DISTRICT 5	55,489	54,279	32	758	174	246	704
DISTRICT 6	33,840	31,261	8	2,245	77	249	755
DISTRICT 7	54,124	46,836	91	6,021	208	968	3,442
BEAVER	4,378	4,316	--	27	24	11	85
BOX ELDER	33,222	30,863	11	1,294	375	679	1,299
CACHE	57,176	55,449	213	206	687	621	708
CARBON	22,179	21,231	78	137	74	659	2,423
DAGGETT	769	767	--	1	1	--	13
DAVIS	146,540	138,365	2,235	754	1,709	3,477	5,436
DUCHESNE	12,565	12,175	2	292	29	67	177
EMERY	11,451	11,214	--	120	57	60	233
GARFIELD	3,673	3,589	1	66	9	8	36
GRAND	8,241	7,966	2	164	37	72	353
IRON	17,349	16,782	18	372	61	116	239
JUAB	5,530	5,461	1	47	4	17	55
KANE	4,024	3,963	1	38	5	17	46
MILLARD	8,970	8,557	1	137	135	140	157
MORGAN	4,917	4,845	--	22	20	30	49
PIUTE	1,329	1,321	--	5	1	2	17
RICH	2,100	2,074	--	8	7	11	16
SALT LAKE	619,066	583,962	4,056	4,324	8,021	18,703	30,867
SAN JUAN	12,253	6,425	11	5,600	40	177	433
SANPETE	14,620	14,192	24	148	60	196	268
SEVIER	14,727	14,452	--	178	20	77	175
SUMMIT	10,198	10,073	7	45	27	46	204
TOOELE	26,033	23,878	168	370	142	1,475	2,395
UINTAH	20,506	18,319	6	1,952	47	182	565
UTAH	218,106	211,320	148	1,879	1,979	2,780	5,040
WASATCH	8,523	8,422	3	61	13	24	121
WASHINGTON	26,065	25,629	12	255	75	94	298
WAYNE	1,911	1,886	2	18	2	3	24
WEBER	144,616	135,054	2,225	736	1,415	5,186	8,570

NOTE: COUNTS OF THE POPULATION BY RACE AND SPANISH ORIGIN ARE PROVISIONAL. PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

SOURCE: CENSUS OF POPULATION AND HOUSING: 1980, FINAL POPULATION AND HOUSING UNIT COUNTS, PHC80-V-46 UTAH, ADVANCE REPORTS, BUREAU OF THE CENSUS, U.S. GOVT. PRINTING OFFICE, WASHINGTON, D.C., MARCH 1981.

TABLE 8

POPULATION BY RACE AND SPANISH ORIGIN, CITIES OF 20,000 OR MORE
UTAH, CENSUS, APRIL 1, 1980

INCORPORATED PLACES	TOTAL POPULATION	RACE					SPANISH ORIGIN[a]
		WHITE	BLACK	AM. INDIAN ESKIMO AND ALEUT	ASIAN AND PACIFIC ISLANDER	OTHER	
SALT LAKE CITY	163,033	146,342	2,523	2,116	3,329	8,723	12,311
PROVO	73,907	70,626	103	911	1,095	1,172	2,143
WEST VALLEY CITY[b]	68,067	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
OGDEN	64,407	57,498	1,723	414	699	4,073	6,324
Orem	52,399	50,676	20	504	533	666	992
SANDY CITY[c]	51,0[illegible]	49,599	92	142	525	664	1,382
BOUNTIFUL	32,877	32,336	11	92	244	194	366
LOGAN	26,844	25,442	205	131	584	482	449
WEST JORDAN	26,794	25,398	12	217	217	950	1,888
MURRAY	25,750	24,926	76	118	230	400	859
LAYTON	22,862	20,767	434	190	302	1,169	1,723

[a]COUNTS OF THE POPULATION BY RACE AND SPANISH ORIGIN ARE PROVISIONAL. PERSONS OF SPANISH ORIGIN MAY BE OF ANY RACE.

[b]WEST VALLEY CITY WAS INCORPORATED ON JULY 1, 1980, AFTER THE CENSUS OF APRIL 1, 1980. IT IS COMPOSED OF THE FOLLOWING COMMUNITIES: GRANGER, HUNTER, REDWOOD CITY, AND PARTS OF KEARNS AND MAGNA. THE DISTRIBUTIONS OF RACE AND SPANISH ORIGIN ARE NOT CURRENTLY AVAILABLE FOR WEST VALLEY CITY.

[c]REVISED COUNT FOR SANDY CITY IS 52,210 AS OF OCTOBER 23, 1981. THESE ADDITIONAL 1,188 PERSONS HAVE NOT BEEN DISTRIBUTED BY RACE OR SPANISH ORIGIN.

SOURCE: CENSUS OF POPULATION AND HOUSING: 1980, FINAL POPULATION AND HOUSING UNIT COUNTS, PHC80-V-46 UTAH, ADVANCE REPORTS, BUREAU OF THE CENSUS, U.S. GOVT. PRINTING OFFICE, WASHINGTON, D.C., MARCH 1981.

TABLE 9

PERSONS PER FAMILY, PER HOUSEHOLD AND CHILDREN EVER BORN TO WOMEN, 15-44 YEARS OF AGE: UNITED STATES AND EACH STATE, CENSUS, APRIL 1, 1980

REGION, DIVISION AND STATE	PERSONS PER FAMILY	PERSONS PER HOUSEHOLD	CHILDREN EVER BORN/WOMAN 15-44 YEARS OF AGE
UNITED STATES	3.27	2.75	1.30
NORTHEAST			
NEW ENGLAND			
MAINE	3.22	2.74	1.36
NEW HAMPSHIRE	3.24	2.75	1.24
VERMONT	3.27	2.75	1.23
MASSACHUSETTS	3.32	2.73	1.11
RHODE ISLAND	3.26	2.70	1.14
CONNECTICUT	3.26	2.76	1.18
MIDDLE ATLANTIC			
NEW YORK	3.34	2.71	1.19
NEW JERSEY	3.33	2.83	1.21
PENNSYLVANIA	3.26	2.75	1.23
NORTH CENTRAL			
EAST NORTH CENTRAL			
OHIO	3.28	2.75	1.33
INDIANA	3.24	2.76	1.39
ILLINOIS	3.32	2.75	1.33
MICHIGAN	3.35	2.84	1.34
WISCONSIN	3.31	2.77	1.30
WEST NORTH CENTRAL			
MINNESOTA	3.31	2.74	1.28
IOWA	3.19	2.67	1.37
MISSOURI	3.21	2.67	1.33
NORTH DAKOTA	3.25	2.72	1.34
SOUTH DAKOTA	3.25	2.72	1.40
NEBRASKA	3.21	2.66	1.31
KANSAS	3.14	2.62	1.36
SOUTH			
SOUTH ATLANTIC			
DELAWARE	3.28	2.79	1.26
MARYLAND	3.29	2.81	1.22
DIST. OF COLUMBIA	3.30	2.39	1.07
VIRGINIA	3.27	2.78	1.24
WEST VIRGINIA	3.26	2.79	1.39
NORTH CAROLINA	3.23	2.78	1.29
SOUTH CAROLINA	3.39	2.93	1.36
GEORGIA	3.32	2.84	1.39
FLORDIA	3.04	2.55	1.26
EAST SOUTH CENTRAL			
KENTUCKY	3.27	2.82	1.40
TENNESSEE	3.23	2.77	1.36
ALABAMA	3.32	2.84	1.42
MISSISSIPPI	3.45	2.95	1.51
WEST SOUTH CENTRAL			
ARKANSES	3.19	2.72	1.51
LOUSIANA	3.41	2.69	1.48
OKLAHOMA	3.15	2.63	1.39
TEXAS	3.33	2.81	1.41
WEST			
MOUNTAIN			
MONTANA	3.19	2.68	1.42
IDAHO	3.34	2.86	1.56
WYOMING	3.28	2.77	1.46
COLORADO	3.22	2.66	1.20
NEW MEXICO	3.39	2.88	1.46
ARIZONA	3.30	2.78	1.34
UTAH	3.67	3.20	1.64
NEVADA	3.13	2.59	1.29
PACIFIC			
WASHINGTON	3.14	2.61	1.28
OREGON	3.09	2.59	1.31
CALIFORNIA	3.25	2.68	1.23
ALASKA	3.45	2.92	1.35
HAWAII	3.62	3.15	1.19

SOURCE: CENSUS OF POPULATION AND HOUSING: 1980, PROVISIONAL ESTIMATES OF SOCIAL, ECONOMIC, AND HOUSING CHARACTERISTICS, PHC80-S1-1, BUREAU OF THE CENSUS, U.S. GOVT. PRINTING OFFICE, WASHINGTON, D.C., MARCH 1982, PP. 3-8.

TABLE 10

NUMBER AND PERCENT OF HOUSEHOLDS, EACH SIZE, DISTRICT AND COUNTY OF RESIDENCE: UTAH, CENSUS, APRIL 1, 1980

	HOUSEHOLD SIZE							PERCENT OF HOUSEHOLDS EACH SIZE					
	TOTAL	ONE PERSON	TWO PERSONS	THREE PERSONS	FOUR PERSONS	FIVE PERSONS	SIX OR MORE PERSONS	ONE PERSON	TWO PERSONS	THREE PERSONS	FOUR PERSONS	FIVE PERSONS	SIX OR MORE PERSONS
TOTAL	448,603	77,096	124,880	75,284	71,130	46,585	53,628	17.2	27.8	16.8	15.9	10.4	12.0
DISTRICT 1	28,020	4,662	8,063	4,646	4,366	2,780	3,503	16.6	28.8	16.6	15.6	9.9	12.5
BOX ELDER	9,808	1,485	2,697	1,599	1,668	1,059	1,300	15.1	27.5	16.3	17.0	10.8	13.3
CACHE	17,558	3,070	5,177	2,935	2,594	1,658	2,124	17.5	29.5	16.7	14.8	9.4	12.1
RICH	654	107	189	112	104	63	79	16.4	28.9	17.1	15.9	9.6	12.1
DISTRICT 2N	88,992	13,522	24,124	15,470	15,209	10,047	10,620	15.2	27.1	17.4	17.1	11.3	11.9
DAVIS	39,994	4,165	9,578	7,214	7,573	5,379	6,085	10.4	23.9	18.0	18.9	13.5	15.2
MORGAN	1,355	172	328	202	244	179	230	12.7	24.2	14.9	18.0	13.2	17.0
WEBER	47,643	9,185	14,218	8,054	7,392	4,489	4,305	19.3	29.8	16.9	15.5	9.4	9.0
DISTRICT 2S	209,708	41,928	59,009	35,086	32,491	20,479	20,715	20.0	28.1	16.7	15.5	9.8	9.9
SALT LAKE	201,742	40,634	56,930	33,690	31,096	19,569	19,823	20.1	28.2	16.7	15.4	9.7	9.8
TOOELE	7,966	1,294	2,079	1,396	1,395	910	892	16.2	26.1	17.5	17.5	11.4	11.2
DISTRICT 3	64,491	7,812	16,811	11,227	10,382	7,227	11,032	12.1	26.1	17.4	16.1	11.2	17.1
SUMMIT	3,381	614	1,047	559	536	315	310	18.2	31.0	16.5	15.9	9.3	9.2
UTAH	58,515	6,774	15,021	10,240	9,476	6,634	10,370	11.6	25.7	17.5	16.2	11.3	17.7
WASATCH	2,595	424	743	428	370	278	352	16.3	28.6	16.5	14.3	10.7	13.6
DISTRICT 4	14,526	2,612	4,532	1,996	1,931	1,452	2,003	18.0	31.2	13.7	13.3	10.0	13.8
JUAB	1,707	310	494	242	249	187	225	18.2	28.9	14.2	14.6	11.0	13.2
MILLARD	2,728	479	843	385	341	264	416	17.6	30.9	14.1	12.5	9.7	15.2
PIUTE	435	73	169	51	45	40	57	16.8	38.9	11.7	10.3	9.2	13.1
SANPETE	4,454	883	1,353	594	557	438	629	19.8	30.4	13.3	12.5	9.8	14.1
SEVIER	4,587	766	1,450	645	664	476	586	16.7	31.6	14.1	14.5	10.4	12.8
WAYNE	615	101	223	79	75	47	90	16.4	36.3	12.8	12.2	7.6	14.6
DISTRICT 5	16,879	2,711	5,431	2,566	2,281	1,665	2,225	16.1	32.2	15.2	13.5	9.9	13.2
BEAVER	1,428	248	483	220	181	136	160	17.4	33.8	15.4	12.7	9.5	11.2
GARFIELD	1,196	224	403	160	155	138	116	18.7	33.7	13.4	13.0	11.5	9.7
IRON	5,168	837	1,464	862	769	537	699	16.2	28.3	16.7	14.9	10.4	13.5
KANE	1,286	242	405	196	162	118	163	18.8	31.5	15.2	12.6	9.2	12.7
WASHINGTON	7,801	1,160	2,676	1,128	1,018	736	1,087	14.9	34.3	14.5	13.0	9.4	13.9
DISTRICT 6	9,692	1,264	2,455	1,620	1,640	1,212	1,460	13.0	25.8	16.7	16.9	12.5	15.1
DAGGETT	244	39	72	45	34	27	27	16.0	29.5	18.4	13.9	11.1	11.1
DUCHESNE	3,499	434	871	534	601	487	572	12.4	24.9	15.3	17.2	13.9	16.3
UINTAH	5,949	791	1,553	1,041	1,005	698	861	13.3	26.1	17.5	16.9	11.7	14.5
DISTRICT 7	16,295	2,585	4,414	2,673	2,830	1,723	2,070	15.9	27.1	16.4	17.4	10.6	12.7
CARBON	7,242	1,269	2,144	1,244	1,256	727	602	17.5	29.6	17.2	17.3	10.0	8.3
EMERY	3,276	421	839	517	613	402	484	12.9	25.6	15.8	18.7	12.3	14.8
GRAND	2,759	490	834	491	480	257	207	17.8	30.2	17.8	17.4	9.3	7.5
SAN JUAN	3,018	405	597	421	481	337	777	13.4	19.8	14.0	15.9	11.2	25.7
WEBER-MORGAN	48,998	9,357	14,546	8,256	7,636	4,668	4,535	19.1	29.7	16.9	15.6	9.5	9.3

TABLE 11

AVERAGE FAMILY SIZE AND CHILDREN EVER BORN TO WOMEN EVER MARRIED, 15-44 YEARS OF AGE: UTAH AND UNITED STATES CENSUS, APRIL 1, 1910-1980

CENSUS APRIL 1	AVERAGE FAMILY SIZE		CHILDREN EVER BORN TO WOMEN EVER MARRIED, 15-44 YEARS/WOMAN	
	UTAH	UNITED STATES	UTAH	UNITED STATES
1910	N.A.	N.A.	3.374	2.866
1920	4.57	4.34	N.A.	N.A.
1930	4.37	4.10	N.A.	N.A.
1940	4.06	3.76	2.372	1.963
1950	3.83	3.54	2.242	1.859
1960	4.00	3.67	2.780	2.314
1970	3.87	3.58	2.692	2.357
1980	3.67	3.27	2.417	1.965

NOTE: FOR UTAH, WHITES ONLY 1910 AND 1940. THE RATE OF CHILDREN EVER BORN TO WOMEN EVER MARRIED, 15-44 YEARS PER WOMAN IN THIS TABLE IS NOT COMPARABLE TO CHILDREN EVER BORN TO WOMEN 15-44 YEARS PER WOMAN IN TABLE 10. TABLE 10 REFERS TO ALL WOMEN, MARRIED AND UNMARRIED, AND THE RATE OF CHILDREN EVER BORN PER WOMEN IS LESS THAN THE RATE PER WOMAN FOR WOMEN EVER MARRIED. N.A. MEANS NOT AVAILABLE.

SOURCE: AVERAGE FAMILY SIZE AND CHILDREN EVER BORN FROM MARRIAGE AND FAMILY STATISTICS AND FERTILITY STATISTICS, RESPECTIVELY, POPULATION DIVISION, BUREAU OF THE CENSUS, U.S. DEPARTMENT OF COMMERCE, WASHINGTON, D.C.

BIRTH SUMMARY

In Utah, during the 12 year period, 1970 to 1981, the fertility rate shows a net increase of less than one percent (0.2), from 117.4 to 117.6, however, the rate was over 120 in each of the four most recent years, Table 12. The provisional fertility rate nationally was 67.6 in 1981.

Of the 42,384 births occurring in Utah in 1981, 97 percent, 41,053, were to residents of the State, Table 13. The county of Washington had the largest number of non-resident live births, 310, while Salt Lake and Cache counties had the second and third highest number, 279 and 255 respectively. Washington County had the highest percentage of non-Utah resident births, 27 percent. For every four births occurring in Washington County, one was to a resident of another State, primarily Nevada.

Over 99 percent of the Utah resident births in 1981 occurred within the state. San Juan County with 87 resident live births occurring out-of-state had the largest number and percentage of these events. For every four births to residents of San Juan County, one occurred outside of the State of Utah. Daggett County with a much smaller number of resident live births, 26, had one out of ten births occur outside of Utah. Rich County had one in four of its 78 births occur beyond the borders of the State.

In 1981, 21,729 males and 20,655 females were born to Utah residents. This gave the State a sex ratio of 105.4 males per 100 females born during the year, Table 14. Traditionally more male than female infants are born each year, with the ratio varying between 102.8 to 106.3 in Utah during the past twenty years. The sex ratio nationally is more stable, due to the larger number of births and has varied between 104.8 to 105.5 over the last twenty years.

Utah continues to have a lower percentage of low birth weight infants than nationally, Table 15. In 1981, the overall rate for low birth weight infants in Utah, 5.4 percent, was 21 percent lower than nationally, 6.8 percent, in 1980, the most recent year for which these data are available. (In 1980, Utah's low birth weight infants, 5.3 percent, was 22 percent lower than the percentage nationally.) Between 1970 and 1981, the percentage of low birth weight infants in Utah decreased by over 17 percent, from 6.5 to 5.4

TABLE 12

LIVE BIRTHS, POPULATION AND FERTILITY RATES, RESIDENT FEMALES 15-44 YEARS OF AGE FOR SELECTED YEARS: UTAH AND UNITED STATES, 1950-1981

YEAR	UTAH		FERTILITY RATES	
	RESIDENT LIVE BIRTHS	FEMALES AGES 15-44	UTAH	U.S.
1981	41,286	351,200	117.6	67.6
1980	41,786	339,799	123.0	68.4
1979	41,078	330,596	124.3	67.2
1978	38,811	320,568	121.1	65.5
1977	37,956	309,987	122.4	66.8
1976	35,310	299,044	118.1	65.0
1975	31,667	287,924	110.0	66.0
1974	29,946	276,605	108.3	67.8
1973	27,978	265,157	105.5	68.8
1972	26,911	253,630	106.1	73.1
1971	27,552	241,851	113.9	81.6
1970	26,969	229,700	117.4	87.9
1965	22,261	204,485	108.9	96.3
1960	26,272	179,275	146.5	118.0
1955	24,602	165,653	148.5	118.3
1950	21,192	152,031	139.4	106.2

NOTES: FERTILITY RATES ARE PER 1,000 WOMEN 15-44 YEARS OF AGE. THE FERTILITY RATES FOR 1971-1979 HAVE BEEN REVISED TO REFLECT THE CHANGE BETWEEN THE ESTIMATED AND ACTUAL POPULATIONS IN 1980, REF. ABOVE. THE NATIONAL FERTILITY RATES FOR 1950 AND 1955 WERE ADJUSTED FOR UNDER-REGISTRATION, REF. ABOVE.

SOURCE: 1950-1980--"ADVANCE REPORT OF FINAL NATALITY STATISTICS, 1980," MONTHLY VITAL STATISTICS REPORT, VOL. 31, NO. 8, SUPPL., NOV. 30, 1982, DHHS PUB. NO. (PHS) 83-1120, NATIONAL CENTER FOR HEALTH STATISTICS, HYATTSVILLE, MD., P. 9.

1981--"ANNUAL SUMMARY OF BIRTHS, DEATHS, MARRIAGES, AND DIVORCES, UNITED STATES," MONTHLY VITAL STATISTICS REPORT, VOL. 30, NO. 13, DEC. 20, 1982, DHHS PUB. NO. (PHS) 83-1120, NATIONAL CENTER FOR HEALTH STATISTICS, HYATTSVILLE, MD.

TABLE 13

LIVE BIRTHS THAT OCCURRED IN-STATE AND TO RESIDENTS OUT-OF-STATE: UTAH, 1981

DISTRICT AND COUNTY	COUNTY OF MOTHER'S RESIDENCE: TOTAL	COUNTY OF MOTHER'S RESIDENCE: OCCURRENCE IN UTAH	COUNTY OF MOTHER'S RESIDENCE: OCCURRENCE OUT OF UTAH	COUNTY OF OCCURRENCE: TOTAL	COUNTY OF OCCURRENCE: MOTHER A UTAH RESIDENT	COUNTY OF OCCURRENCE: MOTHER NOT A UTAH RESIDENT
TOTAL	41,286	41,053	233	42,384	41,053	1,331
DISTRICT 1	2,864	2,827	37	2,960	2,691	269
BOX ELDER	932	929	3	744	730	14
CACHE	1,854	1,839	15	2,212	1,957	255
RICH	78	59	19	4	4	--
DISTRICT 2N	7,666	7,651	15	7,843	7,596	247
DAVIS	3,964	3,956	8	2,747	2,706	41
MORGAN	106	106	--	1	1	--
WEBER	3,596	3,589	7	5,095	4,889	206
DISTRICT 2S	17,084	17,048	36	17,983	17,701	282
SALT LAKE	16,415	16,385	30	17,714	17,435	279
TOOELE	669	663	6	269	266	3
DISTRICT 3	7,994	7,963	31	8,070	7,995	75
SUMMIT	244	244	--	53	45	8
UTAH	7,505	7,475	30	7,752	7,691	61
WASATCH	245	244	1	265	259	6
DISTRICT 4	1,310	1,309	1	1,091	1,085	6
JUAB	148	148	--	49	49	--
MILLARD	301	301	--	250	249	1
PIUTE	25	25	--	--	--	--
SANPETE	364	364	--	368	366	2
SEVIER	424	423	1	424	421	3
WAYNE	48	48	--	--	--	--
DISTRICT 5	1,630	1,622	8	1,989	1,623	366
BEAVER	117	117	--	125	122	3
GARFIELD	95	92	3	74	73	1
IRON	509	507	2	545	514	31
KANE	86	84	2	91	70	21
WASHINGTON	823	822	1	1,154	844	310
DISTRICT 6	1,183	1,174	9	1,041	1,032	9
DAGGETT	26	23	3	--	--	--
DUCHESNE	412	411	1	503	500	3
UINTAH	745	740	5	538	532	6
DISTRICT 7	1,555	1,459	96	1,407	1,330	77
CARBON	581	581	--	820	818	2
EMERY	380	380	--	4	3	1
GRAND	224	215	9	239	234	5
SAN JUAN	370	283	87	344	275	69

TABLE 14

SEX RATIO, NUMBER OF MALES PER 100 FEMALE LIVE BIRTHS
UTAH AND THE UNITED STATES, 1960-1981

	LIVE BIRTH SEX RATIO	
YEAR	UTAH RESIDENTS	U.S. RESIDENTS
1981	105.4	N.A.
1980	105.5	105.3
1979	105.8	105.2
1978	105.1	105.3
1977	105.6	105.3
1976	106.3	105.3
1975	104.5	105.4
1974	103.6	105.5
1973	104.6	105.2
1972	103.1	105.1
1971	105.0	105.2
1970	106.2	105.5
1969	105.1	105.3
1968	104.9	105.3
1967	105.9	105.0
1966	105.9	104.9
1965	105.7	105.1
1964	105.2	104.7
1963	102.8	105.3
1962	104.2	104.8
1961	104.9	105.0
1960	105.1	104.9

TABLE 15

LOW BIRTH WEIGHT PERCENTAGE, LESS THAN 2,500 GRAMS
UTAH AND UNITED STATES, 1970-1981

	PERCENTAGE BIRTH WEIGHT LESS THAN 2,500 GRAMS(1)						
	UTAH				UNITED STATES(3)		
YEAR	TOTAL	WHITE	BLACK	ALL OTHER	TOTAL	WHITE	BLACK
1981	5.4	5.4	8.7	5.8	(2)	(2)	(2)
1980	5.3	5.2	9.6	5.5	6.8	5.7	12.5
1979	5.6	5.5	11.2	5.9	6.9	5.8	12.6
1978	5.6	5.6	7.3	5.4	7.1	5.9	12.9
1977	5.2	5.2	13.3	5.6	7.1	5.9	12.8
1976	5.4	5.3	14.0	6.1	7.3	6.1	13.0
1975	5.3	5.3	13.8	5.6	7.4	6.3	13.1
1974	5.3	5.2	17.9	6.4	7.4	6.3	13.1
1973	5.5	5.5	14.7	4.8	7.6	6.4	13.3
1972	6.0	6.0	11.9	7.0	7.7	6.5	13.6
1971	6.2	6.1	9.4	8.3	7.7	6.6	13.4
1970	6.5	6.5	12.9	8.3	7.9	6.8	13.9

(1)LOW BIRTH WEIGHT IS NOW DEFINED, EFFECTIVE JANUARY 1, 1979, AS "LESS THAN 2,500 GRAMS" (OR 5 POUNDS 8 OUNCES). THIS DEFINITION WAS CHANGED IN THE NINTH REVISION OF THE INTERNATIONAL CLASSIFICATION OF DISEASES (ICD-9), 1978. PRIOR TO THIS CHANGE, LOW BIRTH WEIGHT WAS DEFINED AS "2,500 GRAMS OR LESS." THIS CHANGE WILL HAVE LITTLE EFFECT ON TRENDS OF LOW BIRTH WEIGHT.

(2)NOT AVAILABLE

(3)"ADVANCE REPORT ON NATALITY STATISTICS, 1980," MONTHLY VITAL STATISTICS REPORT, VOL. 31, NO. 8, SUPP., NOV. 30, 1982, DHHS PUB. NO. (PHS) 83-1120, NATIONAL CENTER FOR HEALTH STATISTICS, HYATTSVILLE, MD.

percent. Nationally, the decrease has been about 14 percent between 1970 and 1980.

Whites, both in Utah and nationally, continue to have a smaller percentage of births that are low birth weight than Blacks. The percentage difference in Utah in 1981, was Whites, 5.4 percent, and Blacks, 8.7 percent. In Utah and nationally, the percentages of low birth weight infants have decreased appreciably for both Whites and Blacks. For Whites in Utah, the percentage decrease has been 17 percent, while for Blacks the percentage decrease between 1970 and 1981 was almost 33 percent. Nationally, these decreases were 16 percent for Whites and 10 percent for Blacks between 1970 and 1980.

Out-of-wedlock resident births by age of mother for the period 1970-1981 are summarized in Table 16. While the total number of resident live births decreased by one percent between 1980 and 1981, out-of-wedlock births increased in Utah by 3.4 percent. In 1981 and 1980, out-of-wedlocks comprised 6.5 and 6.2 percent, respectively, of all resident births. Nationally, in 1980, of the 41 states and the District of Columbia which report marital status, 18.4 percent of the births were out-of-wedlock. This is an increase of 11.4 percent compared with 1979 in the out-of-wedlock rate, however, part of this increase is due to a change in the methodology of defining out-of-wedlock births nationally[1].

The rate of age-specific out-of-wedlock births (out-of-wedlock births to females of a specific age group divided by the total number of births to females in that age group times 1,000) is summarized in Table 17. This table shows that for every 1,000 live births to teenagers, ages 15-19 in 1981, approximately 249 were born to unmarried teenage females. Since 1970, this rate has increased by 41.2 percent.

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[1]"Advance Report on Final Natality Statistics, 1980," Monthly Vital Statistics Report, Vol. 31, No. 8, Supp., Nov. 30, 1982, DHHS Pub. No. (PHS) 83-1120, National Center for Health Statistics, Hyattsville, Md., Technical Notes, pp. 37-39.

TABLE 16

OUT-OF-WEDLOCK BIRTHS BY AGE OF WOMAN, RESIDENTS: UTAH, 1970-1981

YEAR	TOTAL	UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & OVER	UNKNOWN
1981	2,694	29	1,094	1,005	385	136	36	7	1	1
1980	2,605	28	1,163	894	344	128	42	5	--	1
1979	2,316	18	1,061	784	295	116	35	5	1	1
1978	2,160	28	997	732	274	89	30	9	1	--
1977	1,806	30	880	584	211	73	22	2	1	3
1976	1,493	20	735	479	168	65	21	4	--	1
1975	1,321	32	642	439	136	48	18	3	--	3
1974	1,138	16	564	380	114	40	18	3	--	3
1973	1,216	23	638	381	112	40	15	6	--	1
1972	1,136	23	574	379	83	42	26	5	2	2
1971	1,058	11	500	382	105	38	19	3	--	--
1970	1,215	14	588	441	100	40	20	5	--	7

TABLE 17

OUT-OF-WEDLOCK BIRTHS PER 1,000 LIVE BIRTHS BY AGE OF WOMAN
RESIDENTS: UTAH, 1970-1981

YEAR	AGE GROUP						
	TOTAL	UNDER 15	15-19	20-24	25-29	30-34	35+
1981	65.3	852.9	249.0	67.2	30.7	20.2	16.7
1980	62.3	777.8	255.0	57.9	27.6	19.5	17.3
1979	56.4	642.9	233.5	51.8	23.8	18.3	15.6
1978	55.7	717.9	227.8	50.8	23.7	14.9	16.5
1977	47.6	857.1	207.9	40.7	18.4	12.9	11.4
1976	42.3	689.7	188.4	35.6	15.5	13.0	12.2
1975	41.7	780.5	171.8	35.9	14.4	11.0	11.6
1974	38.0	666.7	156.7	32.2	13.0	9.9	12.4
1973	43.5	766.7	178.4	35.4	13.7	10.8	11.9
1972	42.2	821.4	164.9	36.2	10.9	12.1	18.2
1971	38.4	611.1	156.3	34.1	13.9	10.6	11.8
1970	45.0	736.8	176.3	41.0	13.4	11.4	13.4
PERCENT CHANGE 1970-1981	45.1	15.8	41.2	63.9	129.1	77.2	24.6

DEATH SUMMARY

There were 8,263 Utah residents who died in 1981; an increase of two percent over the 8,103 in 1980. However, the mortality rate decreased by almost two percent from 5.5 to 5.4 deaths per 1,000 population. The provisional mortality rate nationally was 8.7 deaths per 1,000 persons.

Table 18, summarizes the twelve leading causes of death in Utah and the United States in 1981. Although the rank order of the leading causes are similar, the death rates are different for the first four and first five out of six causes. While the rates for the three leading causes of death in the United States are almost twice as high as those in Utah, the rates for the fourth leading cause "accidents and adverse effects" are comparable, Utah 41.4 and the United States 44.5 per 100,000 population, however, accidental deaths comprise almost 8 percent of the deaths in Utah and only 5 percent nationally. The rates for heart disease, malignant neoplasms, and cerebrovascular diseases are all higher nationally than in Utah, 330.6 vs. 193.4; 184.3 vs. 93.7; and 71.7 vs. 41.5, respectively.

Of the 12 leading causes of death nationally, only one "homicide and legal intervention," is not among the 12 leading causes in Utah. For all of the leading causes, the rates nationally are higher than in Utah except for suicide (Utah 12.9 vs. U.S. 12.3) and "certain conditions originating in the perinatal period" (Utah 11.6, the eighth leading cause vs. U.S. 9.2, the twelfth). There is only one leading cause of death in Utah which is not among the leading causes nationally, i.e., "congenital anomalies," which ranked tenth in Utah with a rate of 9.1, while nationally it ranked fourteenth and the rate was 5.8 per 100,000 population.

The relatively low mortality rates in Utah can be explained, at least in part, by Utah's younger population. More than 60 percent of all deaths occur to persons over 65 years of age. Utah has a smaller percentage of older persons than nationally, and, as a consequence, has lower mortality rates.

An historical trend of selected causes of death in Utah is indicated in Tables 19 and 20. These tables show the numbers and "crude mortality," rates per 100,000 population for the twelve year period 1970-1981.

TABLE 18

LEADING CAUSES OF DEATH: UTAH AND UNITED STATES, 1981

UNITED STATES			UTAH		
RANK CAUSE	ICDA CODE	RATE PER 100,000 POPULATION	RANK CAUSE	NUMBER	RATE PER 100,000 POPULATION
TOTAL		866.4	TOTAL	8,263	543.6
1. DISEASES OF THE HEART	390-398,402, 404-429	330.6	1. DISEASES OF THE HEART	2,940	193.4
2. MALIGNANT NEOPLASMS	140-208	184.3	2. MALIGNANT NEOPLASMS	1,424	93.7
3. CEREBROVASCULAR DISEASES	430-438	71.7	3. CEREBROVASCULAR DISEASES	631	41.5
4. ACCIDENTS AND ADVERSE EFFECTS	E800-E949	44.5	4. ACCIDENTS AND ADVERSE EFFECTS	630	41.4
5. CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	490-496	26.1	5. CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS	270	17.8
6. PNEUMONIA AND INFLUENZA	480-487	23.7	6. PNEUMONIA AND INFLUENZA	211	13.9
7. DIABETES MELLITUS	250	15.2	7. SUICIDE	196	12.9
8. CHRONIC LIVER DISEASE AND CIRRHOSIS	571	12.9	8. CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	177	11.6
9. ATHEROSCLEROSIS	440	12.5	9. DIABETES MELLITUS	159	10.5
10. SUICIDE	E950-E959	12.3	10. CONGENITAL ANOMALIES	139	9.1
11. HOMICIDE AND LEGAL INTERVENTION	E960-E978	10.7	11. CHRONIC LIVER DISEASE AND CIRRHOSIS	104	6.8
12. CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	760-779	9.2	12. ATHEROSCLEROSIS	89	5.9
RESIDUAL	--	--	RESIDUAL	1,293	--

SOURCE: "ANNUAL SUMMARY OF BIRTHS, DEATHS, MARRIAGES AND DIVORCES: UNITED STATES, 1981," MONTHLY VITAL STATISTICS REPORT, VOL. 30, NO. 13, DEC. 20, 1982, DHHS PUB. NO. (PHS) 83-1120, NATIONAL CENTER FOR HEALTH STATISTICS, HYATTSVILLE, MD., P. 5.

TABLE 19

MORTALITY FOR SELECTED CAUSES OF DEATH, RESIDENTS: UTAH, 1970-1981

CAUSE OF DEATH PER NINTH REVISION OF THE INTERNATIONAL CLASSIFICATION OF DISEASES[1]	DEATHS FOR EACH YEAR											
TOTAL, ALL CAUSES	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
TOTAL	7,063	7,245	7,323	7,573	7,380	7,519	7,472	7,612	7,871	7,871	8,103	8,263
CERTAIN OTHER INTESTINAL INFECTIONS (007-009)	16	17	15	15	18	16	17	10	9	2	4	—
TUBERCULOSIS, ALL FORMS (010-018)	13	13	10	14	8	6	8	6	10	1	7	3
OTHER INFECTIVE AND PARASITIC DISEASES (001-139)	37	44	44	43	36	46	38	46	51	49	56	51
MALIGNANT NEOPLASMS (140-208)	1,029	1,016	1,027	1,088	1,162	1,169	1,246	1,272	1,310	1,314	1,379	1,424
DIABETES MELLITUS (250)	160	183	173	158	157	152	150	172	167	176	170	159
DISEASES OF THE HEART (390-398, 402, 404, 410-429)	2,236	2,448	2,485	2,463	2,438	1,479	2,500	1,557	2,658	1,800	2,870	2,940
HYPERTENSION WITHOUT MENTION OF THE HEART (401, 403)	22	28	18	24	20	15	17	20	13	19	17	21
CEREBROVASCULAR DISEASE (430-438)	662	734	713	793	783	725	675	671	676	628	647	631
GENERAL ARTERIOSCLEROSIS (440)	108	98	104	122	120	93	123	104	105	81	102	89
OTHER DISEASES OF CIRCULATORY SYSTEM (441-448)	167	190	171	157	144	171	183	175	153	70	75	98
PNEUMONIA AND INFLUENZA (480-487)	198	192	201	224	222	271	259	224	261	232	262	211
ASTHMA, BRONCHITIS, AND EMPHYSEMA (490-493)	147	126	108	127	119	133	111	118	102	107	90	96
ULCER OF STOMACH AND DUODENUM (531-533)	49	36	39	39	35	32	31	32	20	26	24	26
HERNIA AND INTESTINAL OBSTRUCTION (550-560)	25	32	27	42	32	19	33	36	29	25	31	25
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	102	97	106	121	96	126	100	121	112	143	101	104
NEPHRITIS AND NEPHROSIS (580-589)	32	29	35	27	28	38	31	18	22	60	71	77
CONGENITAL ANOMALIES (740-759)	124	107	107	114	104	137	131	135	162	135	143	139
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	231	220	193	184	206	198	208	152	183	192	195	177
SYMPTOMS, SENILITY, AND ILL-DEFINED CONDITIONS (780-799)	350	231	225	264	188	200	146	176	171	154	133	154
MOTOR VEHICLE ACCIDENTS (E810-E825)	326	330	388	370	275	278	286	336	384	335	347	343
ACCIDENTS, ALL OTHERS (E800-E807, E826-E827, E830-E838, E840-E845, E850-E859, E860-E949)	292	271	306	327	346	328	270	282	310	287	295	287
SUICIDE (E950-E959)	156	129	139	146	134	165	167	180	167	179	190	196
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	41	35	43	41	46	36	60	52	65	62	57	59
ALL OTHER CAUSES	540	639	646	670	663	686	682	717	731	794	837	953

[1]1978 AND PREVIOUS YEARS CODED TO EIGHTH REVISION ICDA, SEE TECHNICAL APPENDIX FOR COMPARABILITY RATIOS.

TABLE 20

MORTALITY RATES FOR SELECTED CAUSES OF DEATH, RESIDENTS: UTAH, 1970-1981

CAUSE OF DEATH PER NINTH REVISION OF THE INTERNATIONAL CLASSIFICATION OF DISEASES TOTAL, ALL CAUSES	RATES PER 100,000 POPULATION											
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
ALL CAUSES	662.6	658.0	645.2	647.8	616.5	609.3	587.4	578.4	577.1	555.9	549.7	543.6
CERTAIN OTHER INTESTINAL INFECTIONS (007-009)	1.5	1.5	1.3	1.3	1.5	1.3	1.3	0.8	0.7	--	--	0.0
TUBERCULOSIS, ALL FORMS (010-018)	1.2	1.2	0.9	1.2	0.7	--	0.6	--	0.7	--	0.5	--
OTHER INFECTIVE AND PARASITIC DISEASES (001-139)	3.5	4.0	3.9	3.7	3.0	3.7	3.0	3.5	3.7	3.5	3.8	3.4
MALIGNANT NEOPLASMS (140-208)	96.5	92.3	90.5	93.1	97.1	94.7	98.0	96.7	96.0	92.8	93.6	93.7
DIABETES MELLITUS (250)	15.0	16.6	15.2	13.5	13.1	12.3	11.8	13.1	12.2	12.4	11.5	10.5
DISEASES OF THE HEART (390-298, 402, 404, 410-419)	209.8	222.3	218.9	210.7	203.7	200.9	196.5	194.3	194.9	197.7	194.7	193.4
HYPERTENSION WITHOUT MENTION OF THE HEART (401, 403)	2.1	2.5	1.6	2.1	1.7	1.2	1.3	1.5	1.0	1.3	1.2	1.4
CEREBROVASCULAR DISEASE (430-438)	62.1	66.7	62.8	67.8	65.4	58.8	53.1	51.0	49.6	44.4	43.9	41.5
GENERAL ARTERIOSCLEROSIS (440)	10.1	8.9	9.2	10.4	10.0	7.5	9.7	7.9	7.7	5.7	6.9	5.9
OTHER DISEASES OF CIRCULATORY SYSTEM (441-448)	15.7	17.3	15.1	13.4	12.0	13.9	14.4	13.3	11.2	4.9	5.1	6.4
PNEUMONIA AND INFLUENZA (480-487)	18.6	17.4	17.7	19.2	18.5	22.0	20.4	17.0	19.1	16.4	17.8	13.9
ASTHMA, BRONCHITIS, AND EMPHYSEMA (490-493)	13.8	11.4	9.5	10.9	9.9	10.8	8.7	9.0	7.5	7.6	6.1	6.3
ULCER OF STOMACH AND DUODENUM (531-533)	4.6	3.3	3.4	3.3	2.9	2.6	2.4	2.4	1.5	1.8	1.6	1.7
HERNIA AND INTESTINAL OBSTRUCTION (550-560)	2.3	2.9	2.4	3.6	2.7	1.5	2.6	2.7	2.1	1.8	2.1	1.6
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	9.6	8.8	9.3	10.4	8.0	10.2	7.9	9.2	8.2	10.1	6.9	6.8
NEPHRITIS AND NEPHROSIS (580-589)	3.0	2.6	3.1	2.3	2.3	3.1	2.4	1.4	1.6	4.2	4.8	5.1
CONGENITAL ANOMALIES (740-759)	11.6	9.7	9.4	9.8	8.7	11.1	10.3	10.3	11.9	9.5	9.7	9.1
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	21.7	20.0	17.0	15.7	17.2	16.0	16.4	11.6	13.4	13.6	13.2	11.6
SYMPTOMS, SENILITY, AND ILL-DEFINED CONDITIONS (780-799)	32.8	21.0	19.6	22.6	15.7	16.2	11.5	13.4	12.5	10.9	9.0	10.1
MOTOR VEHICLE ACCIDENTS (E810-825)	30.6	30.0	34.2	31.7	23.0	22.5	22.5	25.5	28.2	23.7	23.5	22.6
ACCIDENTS, ALL OTHERS (E800-E807, E826-E827, E830-E838, E840-E845, E850-E859, E860-E949)	27.4	24.6	27.0	28.0	28.9	26.6	21.2	21.4	22.7	20.3	20.0	18.9
SUICIDE (E950-959)	14.6	11.7	12.2	12.5	11.2	13.4	13.1	13.7	12.2	12.6	12.9	12.9
HOMICIDE AND LEGAL INTERVENTION (E960-978)	3.8	3.2	3.8	3.5	3.8	2.9	4.7	4.0	4.8	4.4	3.9	3.9

NOTE: RATES ARE NOT COMPUTED FOR LESS THAN 7 EVENTS.

The leading causes of death for expected years of life lost and working years of life lost for males and females are summarized in Table 21. There are significant differences in the leading causes for both expected years of life and working years of life lost between males and females. Diseases of the heart are the leading causes of expected years of life lost for both males and females, 22.2 and 21.3 percent respectively. However, heart disease caused 11 percent of working years of life lost by males

TABLE 21

EXPECTED YEARS OF LIFE LOST AND WORKING YEARS OF LIFE LOST BY CAUSE OF DEATH, RESIDENTS: UTAH, 1981

CAUSE OF DEATH	EXPECTED YEARS OF LIFE LOST						WORKING YEARS LOST					
	TOTAL		MALE		FEMALE		TOTAL		MALE		FEMALES	
	YEARS	PERCENT	YEARS	PERCENT	YEARS	PERCENT	YEARS	PERCENT	YEARS	PERCENT	YEARS	PERCENT
TOTAL	173,476	100.0	98,319	100.0	71,303	100.0	75,700	100.0	49,610	100.0	26,090	100.0
1. DISEASES OF THE HEART	38,414	22.1	21,807	22.2	15,153	21.3	7,420	9.8	5,535	11.2	1,885	7.2
2. MALIGNANT NEOPLASMS	25,993	15.0	11,435	11.6	14,356	20.1	8,460	11.2	3,675	7.4	4,785	18.3
3. CEREBROVASCULAR DISEASE	7,009	4.0	2,896	3.0	4,057	5.7	1,105	1.5	555	1.1	550	2.1
4. MOTOR VEHICLE ACCIDENTS	15,926	9.2	10,970	11.2	4,522	6.3	11,510	15.2	8,560	17.2	2,950	11.3
5. NON-MOTOR VEHICLE ACCIDENTS	10,689	6.2	8,111	8.2	2,169	3.0	6,940	9.2	5,830	11.8	1,110	4.3
6. PNEUMONIA AND INFLUENZA	2,849	1.6	1,570	1.6	1,208	1.7	850	1.1	575	1.2	275	1.1
7. CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	13,315	7.7	6,903	7.0	6,362	8.9	8,850	11.7	4,800	9.7	4,050	15.5
9. SUICIDE	7,789	4.5	5,943	6.0	1,516	2.1	5,305	7.0	4,345	8.8	960	3.7
8. DIABETES MELLITUS	2,720	1.6	1,072	1.1	1,668	2.3	990	1.3	470	0.9	520	2.0
10. CONGENITAL ANOMALIES	9,933	5.7	5,549	5.6	4,306	6.0	6,660	8.8	3,905	7.9	2,755	10.6
11. ATHEROSCLEROSIS	728	0.4	283	0.3	439	0.6	25	--	25	--	--	--
12. CHRONIC LIVER DISEASE AND CIRRHOSIS	2,699	1.6	1,724	1.8	875	1.2	1,265	1.7	900	1.8	365	1.4
13. BRONCHITIS, EMPHYSEMA AND ASTHMA	3,957	2.3	2,388	2.4	1,383	1.9	725	1.0	405	0.8	320	1.2
14. OTHER CAUSES	31,454	18.1	17,666	18.0	13,289	18.6	15,595	20.6	10,030	20.2	5,565	21.3

compared with only seven percent for females. The number one cause of working years of life lost was motor vehicle accidents for males and malignant neoplasms for females. Eighteen percent of working years were lost by females to cancer, while males lost a little more than seven percent to this disease. Males had almost twice the percentage than females of expected years lost and working years of life lost to motor vehicle and non-motor vehicle accidents.

Females had higher percentages of working years lost due to certain conditions originating in the perinatal period (15.5 percent) and congenital anomalies (10.6 percent) than males (9.7 and 7.9 percent). Although a small amount, two percent, of females' working years were lost to diabetes; males lost less than one percent.

There were 403 resident infant deaths in Utah during 1981, for an infant mortality rate of 9.8 deaths per 1,000 live births. This rate is 19 percent lower than the rate of 11.7 nationally. Of these 403 infant deaths, 240 died during the neonatal period, from the time of birth through the first 27 days, for a rate of 5.8 per 1,000 live births. There were 163 post-neonatal deaths, from 28 days to one year. The postneonatal mortality rate was 3.9 in Utah.

Utah continues to have one of the lowest infant mortality rates in the United States. Table 22 summarizes Utah's infant mortality rate in various age groups since 1960. For a comparison with national rates, see Table 2.

Since 1978, the bureau has analyzed mortality for persons of Spanish origin. In 1981, a smaller percentage of persons of Spanish origin, over 27 percent, died of cardiovascular disease than those of non-Spanish origin, 46 percent. However, persons of Spanish origin had higher percentages of deaths than all others in the state for: accidents, 17.1, vs. 7.4 percent; "certain conditions originating in the perinatal period," 4.3 vs. 2.1 percent; congenital anomalies, 3.8 vs. 1.6 percent; cirrhosis of the liver, 2.8 vs. 1.2 percent; and homicide, 3.3 vs. .6 percent, Table 23. For most of the other leading causes of death, the percentage distributions for Spanish origin and non-Spanish origin are similar.

Persons of Spanish origin had a lower median age at death in 1981, 54.7 years, than those of non-Spanish origin, 71.7 years, Table 24.

TABLE 22

INFANT MORTALITY RATES BY AGE AT DEATH, RESIDENTS: UTAH, 1960-1981

YEAR	TOTAL	AGE AT DEATH AND RATES[1] UNDER 1 DAY	1-6 DAYS	1-4 WEEKS	1-11 MONTHS
1981	9.8	3.2	1.5	1.1	3.9
1980	10.4	3.1	2.2	1.3	3.8
1979	10.7	3.1	2.4	1.3	4.0
1978	11.4	4.0	2.6	1.2	3.6
1977	10.0	3.4	2.3	1.0	3.3
1976	11.7	4.0	2.7	1.2	3.8
1975	13.1	3.7	4.3	1.4	3.9
1974	12.2	4.4	3.0	1.6	3.2
1973	12.7	4.2	3.5	1.3	3.7
1972	13.4	4.6	3.8	1.4	3.5
1971	13.9	5.2	4.2	1.3	3.2
1970	15.0	5.6	4.5	1.0	3.9
1969	15.8	6.0	4.3	1.2	4.3
1968	17.7	7.3	5.0	1.0	4.4
1967	16.7	6.8	4.5	1.2	4.2
1966	18.3	8.2	5.8	1.0	3.3
1965	18.8	7.4	5.2	.9	5.3
1964	20.2	7.8	5.7	1.2	5.5
1963	18.6	6.8	4.9	1.2	5.7
1962	20.0	8.6	6.3	1.3	5.8
1961	20.2	7.7	6.2	1.1	5.2
1960	19.6	6.8	6.7	.9	5.2

[1]RATES ARE PER 1,000 LIVE BIRTHS.

TABLE 23

MORTALITY BY SELECTED CAUSE, SPANISH AND NON-SPANISH ORIGIN, RESIDENTS: UTAH, 1981

CAUSE OF DEATH	SPANISH ORIGIN NUMBER	SPANISH ORIGIN PERCENTAGE	NON-SPANISH ORIGIN NUMBER	NON-SPANISH ORIGIN PERCENTAGE
TOTAL	211	100.0	8,052	100.0
TUBERCULOSIS	1	.5	2	--
MALIGNANT NEOPLASMS	36	17.1	1,388	17.2
BENIGN NEOPLASMS	--	--	28	.3
DIABETES	7	3.3	152	1.9
CARDIOVASCULAR	58	27.5	3,721	46.2
PNEUMONIA/INFLUENZA	8	3.8	203	2.5
LIVER/CIRRHOSIS	6	2.8	98	1.2
CONGENITAL ANOMALIES	8	3.8	131	1.6
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	9	4.3	168	2.1
ACCIDENTS	36	17.1	594	7.4
SUICIDE	6	2.8	190	2.4
HOMICIDE	7	3.3	52	.6
ALL OTHER CAUSES	29	13.7	1,325	16.4

TABLE 24

MORTALITY BY AGE, SPANISH AND NON-SPANISH ORIGIN
RESIDENTS: UTAH, 1981

	SPANISH ORIGIN		NON-SPANISH ORIGIN	
	NUMBER	PERCENTAGE	NUMBER	PERCENTAGE
AGE AT DEATH				
TOTAL ALL CAUSES	211	100.0	8,052	100.0
UNDER 1	20	9.5	383	4.8
1-4	5	2.4	80	1.0
5-9	4	1.9	34	.4
10-14	3	1.4	35	.4
15-19	8	3.8	115	1.4
20-24	8	3.8	159	2.0
25-29	9	4.3	128	1.6
30-34	11	5.2	133	1.7
35-39	6	2.8	122	1.5
40-44	8	3.8	137	1.7
45-49	6	2.8	182	2.3
50-54	17	8.1	285	3.5
55-59	12	5.7	451	5.6
60-64	10	4.7	576	7.2
65-69	15	7.1	776	9.6
70-74	22	10.4	991	12.3
75-79	18	8.5	995	12.4
80-84	15	7.1	1,012	12.6
85+	14	6.6	1,456	18.1
NOT STATED	0	--	2	--
MEDIAN AGE	54.7 YEARS		71.7 YEARS	

VIOLENT DEATH SUMMARY

Mortality due to violent causes is defined as death due to accidents, suicide, homicide, alcoholism, and "injury but unable to determine whether accidentally or purposely inflicted." Deaths from these causes are usually identified as "medical examiner," or "coroner" cases. The reporting of such cases is influenced by the quality of the medical-legal system in a state. Utah adopted a state-wide medical examiner system in 1968. Improvement in reporting since then may account for part of the increase in violent deaths.

In 1981, there were 978 residents of Utah who died of violent causes. This total represents almost 12 percent of all deaths to Utah residents for the year and a mortality rate of 64.3 per 100,000 population. The number of violent deaths decreased slightly between 1980 and 1981, while the rate decreased by over three percent, Table 25. Nationally, excluding alcoholism, violent deaths accounted for eight percent of all deaths in 1981, and a mortality rate of 69.0 per 100,000 population, Table 26.

The mortality rates for violent deaths decreased in Utah between 1980 and 1981, for all types except suicide and homicide, both of which remained at the same levels with the previous year. During this period, the number of suicide deaths increased by over three percent from 190 to 196. There were two more homicides in 1981 than there were in 1980. Table 27, summarizes suicide mortality to Utah residents by sex and age for each year, 1970-1981. Although there is some fluctuation in the number of suicide deaths annually, between 1970 and 1981, the total number of suicides to residents of Utah increased by 26 percent, with an increase of 40 percent for males and a decrease of 14 percent for females. The number of suicides to females (36) decreased from 53 in 1980, while the number of males increased from 137 to 160 between these two years.

TABLE 25

VIOLENT DEATHS AND RATES BY TYPE, RESIDENTS: UTAH, 1980-1981

TYPE OF VIOLENCE	NUMBER 1981	NUMBER 1980	RATES[a] 1981	RATES[a] 1980
TOTAL	978	980	64.3	66.5
ACCIDENTS	630	642	41.4	43.6
MOTOR VEHICLE	343	347	22.6	23.5
NONMOTOR VEHICLE	287	295	18.9	20.0
SUICIDE	196	190	12.9	12.9
HOMICIDE	59	57	3.9	3.9
ALCOHOLISM	51	54	3.4	3.7
INJURY, UNABLE TO DETERMINE WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED	42	37	2.8	2.5

[a]RATES ARE PER 100,000 POPULATION

TABLE 26

VIOLENT DEATHS AND RATES BY TYPE, RESIDENTS
UTAH AND UNITED STATES, 1981

TYPE OF VIOLENCE	UTAH NUMBER	UTAH PERCENTAGE	RATE PER 100,000 POPULATION UTAH	RATE PER 100,000 POPULATION U.S.
TOTAL	978	100.0	64.3	69.0[a]
ACCIDENT	630	64.4	41.4	44.5
SUICIDE	196	20.0	12.9	12.3
HOMICIDE	59	6.0	3.9	10.7
ALCOHOLISM	51	5.2	3.4	--[b]
INJURY, UNABLE TO DETERMINE WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED	42	4.3	2.8	1.5

[a]TOTAL EXCLUDING ALCOHOLISM, ICD 291, 303, 571.0-571.3

[b]NOT AVAILABLE

SOURCE: "ANNUAL SUMMARY OF BIRTHS, DEATHS, MARRIAGES, AND DIVORCES: UNITED STATES, 1981." MONTHLY VITAL STATISTICS REPORT, VOL. 30, NO. 13, DEC. 20, 1982, DHHS PUB. NO. (PHS) 83-1120, NATIONAL CENTER FOR HEALTH STATISTICS, HYATTSVILLE, MD., P. 23.

TABLE 27

SUICIDE MORTALITY BY YEAR, SEX AND AGE, RESIDENTS: UTAH, 1970-1981

DEATHS DUE TO SUICIDE BY AGE GROUP

YEAR AND SEX	TOTAL	UNDER 15	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+
1981 TOTAL	196	3	17	26	41	34	29	26	16	4
MALE	160	3	14	22	35	26	21	20	15	4
FEMALE	36	--	3	4	6	8	8	6	1	--
1980 TOTAL	190	--	11	29	45	31	29	19	14	12
MALE	137	--	5	20	39	22	19	12	10	10
FEMALE	53	--	6	9	6	9	10	7	4	2
1979 TOTAL	179	1	15	28	46	33	15	16	16	9
MALE	148	--	12	25	38	25	13	12	16	7
FEMALE	31	1	3	3	8	8	2	4	--	2
1978 TOTAL	167	2	12	27	30	27	20	25	17	7
MALE	134	2	9	26	25	19	16	19	12	6
FEMALE	33	--	3	1	5	8	4	6	5	1
1977 TOTAL	180	2	17	25	35	29	28	24	14	6
MALE	147	2	17	23	29	23	21	14	12	6
FEMALE	33	--	--	2	6	6	7	10	2	--
1976 TOTAL	167	--	13	15	38	24	31	28	13	5
MALE	129	--	9	14	31	18	20	23	10	4
FEMALE	38	--	4	1	7	6	11	5	3	1
1975 TOTAL	165	--	22	22	36	26	21	15	15	8
MALE	132	--	17	20	32	18	15	10	13	7
FEMALE	33	--	5	2	4	8	6	5	2	1
1974 TOTAL	134	2	6	17	32	24	24	17	10	2
MALE	104	1	3	14	24	19	20	12	10	1
FEMALE	30	1	3	3	8	5	4	5	--	1
1973 TOTAL	146	4	8	11	37	35	23	14	9	5
MALE	108	3	7	9	25	25	15	12	7	5
FEMALE	38	1	1	2	12	10	8	2	2	--
1972 TOTAL	139	--	5	16	26	29	26	25	6	6
MALE	106	--	5	15	18	20	20	18	5	5
FEMALE	33	--	--	1	8	9	6	7	1	1
1971 TOTAL	129	1	9	17	17	30	21	16	13	5
MALE	88	1	8	14	9	15	15	13	9	4
FEMALE	41	--	1	3	8	15	6	3	4	1
1970 TOTAL	156	2	15	17	19	28	29	22	13	11
MALE	114	2	10	15	12	16	23	17	10	9
FEMALE	42	--	5	2	7	12	6	5	3	2

TABLE A-1

LIVE BIRTHS BY COUNTY OF OCCURRENCE, SEX, ATTENDANT AND HOSPITAL DELIVERY: UTAH, 1981

DISTRICT AND COUNTY OF OCCURRENCE	TOTAL LIVE BIRTHS	SEX		ATTENDANT		HOSPITAL DELIVERY
		MALE	FEMALE	ATTENDED BY PHYSICIAN	ATTENDED BY MIDWIFE	
TOTAL	42,384	21,729	20,655	40,933	409	41,634
DISTRICT 1	2,960	1,521	1,439	2,924	8	2,918
BOX ELDER	744	380	364	733	3	728
CACHE	2,212	1,139	1,073	2,191	5	2,190
RICH	4	2	2	--	--	--
DISTRICT 2N	7,843	4,010	3,833	7,497	62	7,743
DAVIS	2,747	1,385	1,362	2,429	47	2,679
MORGAN	1	--	1	1	--	--
WEBER	5,095	2,625	2,470	5,067	15	5,064
DISTRICT 2S	17,983	9,167	8,816	17,458	92	17,721
SALT LAKE	17,714	9,029	8,685	17,235	90	17,459
TOOELE	269	138	131	223	2	262
DISTRICT 3	8,070	4,174	3,896	7,751	82	7,943
SUMMIT	53	28	25	33	2	48
UTAH	7,752	3,987	3,765	7,456	78	7,634
WASATCH	265	159	106	262	2	261
DISTRICT 4	1,091	576	515	1,077	2	1,077
JUAB	49	28	21	47	1	47
MILLARD	250	136	114	248	1	247
PIUTE	--	--	--	--	--	--
SANPETE	368	198	170	362	--	363
SEVIER	424	214	210	420	--	420
WAYNE	--	--	--	--	--	--
DISTRICT 5	1,989	1,020	969	1,818	160	1,811
BEAVER	125	59	66	125	--	124
GARFIELD	74	44	30	74	--	73
IRON	545	275	270	536	4	535
KANE	91	54	37	89	1	89
WASHINGTON	1,154	588	566	994	155	990
DISTRICT 6	1,041	532	509	1,035	--	1,033
DAGGETT	--	--	--	--	--	--
DUCHESNE	503	244	259	500	--	499
UINTAH	538	288	250	535	--	534
DISTRICT 7	1,407	729	678	1,373	3	1,388
CARBON	820	433	387	793	2	817
EMERY	4	3	1	2	--	--
GRAND	239	114	125	236	1	236
SAN JUAN	344	179	165	342	--	335

TABLE A-2

LIVE BIRTHS BY SEX, NUMBER BORN, BIRTH ORDER AND RESIDENCE OF MOTHER: UTAH, 1981

RESIDENCE OF MOTHER	TOTAL LIVE BIRTHS	SEX		SINGLE AND MULTIPLE BIRTHS		BIRTH ORDER						
		MALE	FEMALE	SINGLE	MULTIPLE	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH AND HIGHER	NOT STATED
TOTAL	41,286	21,186	20,100	40,556	730	13,055	10,625	7,338	4,808	2,662	2,747	51
DISTRICT 1	2,864	1479	1,385	2,813	51	868	759	496	339	195	199	8
BOX ELDER	932	479	453	918	14	232	238	170	136	82	73	1
CACHE	1,854	957	897	1,817	37	613	498	313	195	107	121	7
RICH	78	43	35	78	--	23	23	13	8	6	5	--
DISTRAICT 2N	7,666	3,922	3,744	7,529	137	2,355	2,026	1,434	910	472	466	3
DAVIS	3,964	2,020	1,944	3,875	89	1,113	1,032	740	523	268	287	1
MORGAN	106	56	50	106	--	26	21	24	18	8	9	--
WEBER	3,596	1,846	1,750	3,548	48	1,216	973	670	369	196	170	2
DISTRICT 2S	17,084	8,712	8,372	16,765	319	5,599	4,558	3,061	1,896	1,012	936	22
SALT LAKE	16,415	8,371	8,044	16,108	307	5,390	4,389	2,937	1,824	969	885	21
TOOELE	669	341	328	657	12	209	169	124	72	43	51	1
DISTRICT 3	7,994	4,137	3,857	7,879	115	2,645	1,892	1,302	925	555	660	15
SUMMIT	244	127	117	244	--	85	59	38	30	20	12	--
UTAH	7,505	3,873	3,632	7,391	114	2,504	1,770	1,219	857	518	625	12
WASATCH	245	137	108	244	1	56	63	45	38	17	23	3
DISTRICT 4	1,310	676	634	1,284	26	315	268	263	213	111	140	--
JUAB	148	77	71	146	2	49	28	24	26	11	10	--
MILLARD	301	160	141	293	8	63	64	54	43	37	40	--
PIUTE	25	13	12	23	2	4	4	10	3	2	2	--
SANPETE	364	190	174	356	8	90	66	82	55	32	39	--
SEVIER	424	207	217	420	4	99	97	81	77	27	43	--
WAYNE	48	29	19	46	2	10	9	12	9	2	6	--
DISTRICT 5	1,630	848	782	1,601	29	444	396	264	221	126	179	--
BEAVER	117	58	59	115	2	23	32	21	16	6	19	--
GARFIELD	95	60	35	95	—	29	23	16	17	4	6	--
IRON	509	260	249	498	11	160	140	91	54	35	29	--
KANE	86	48	38	86	--	22	21	8	12	9	14	--
WASHINGTON	823	422	401	807	16	210	180	128	122	72	111	--
DISTRICT 6	1,183	608	575	1,162	21	336	305	216	139	94	92	1
DAGGETT	26	14	12	24	2	8	7	8	1	--	2	--
DUCHESNE	412	208	204	404	8	116	94	67	56	40	38	1
UINTAH	745	386	359	734	11	212	204	141	82	54	52	--
DISTRICT 7	1,555	804	751	1,523	32	493	421	302	165	97	75	2
CARBON	581	305	276	569	12	200	175	109	56	28	13	—
EMERY	380	200	180	369	11	108	96	78	48	28	22	--
GRAND	224	110	114	220	4	83	68	43	18	5	6	1
SAN JUAN	370	189	181	365	5	102	82	72	43	36	34	1

TABLE A-3

LIVE BIRTHS BY MONTH OF OCCURRENCE AND RESIDENCE OF MOTHER: UTAH, 1981

RESIDENCE OF MOTHER	TOTAL LIVE BIRTHS	MONTH OF OCCURRENCE											
		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
TOTAL	41,286	3,248	3,075	3,651	3,525	3,587	3,607	3,635	3,490	3,426	3,402	3,179	3,461
DISTRICT 1	2,864	269	201	244	251	232	229	241	245	249	226	220	257
BOX ELDER	932	94	55	95	94	68	67	74	87	66	68	77	87
CACHE	1,854	167	140	144	153	155	156	160	152	174	151	138	164
RICH	78	8	6	5	4	9	6	7	6	9	7	5	6
DISTRICT 2N	7,666	611	546	685	671	648	674	670	639	604	614	630	674
DAVIS	3,964	313	292	346	349	332	354	355	327	314	331	316	335
MORGAN	106	10	3	7	13	10	11	9	9	7	9	10	8
WEBER	3,596	288	251	332	309	306	309	306	303	283	274	304	331
DISTRICT 2S	17,084	1,300	1,273	1,530	1,435	1,465	1,520	1,513	1,471	1,417	1,452	1,321	1,387
SALT LAKE	16,415	1,236	1,233	1,478	1,384	1,410	1,462	1,453	1,408	1,371	1,392	1,261	1,327
TOOELE	669	64	40	52	51	55	58	60	63	46	60	60	60
DISTRICT 3	7,994	638	626	701	703	700	709	720	643	688	652	566	648
SUMMIT	244	17	29	25	21	24	10	18	19	21	27	14	19
UTAH	7,505	605	576	652	663	658	681	679	600	649	596	534	612
WASATCH	245	16	21	24	19	18	18	23	24	18	29	18	17
DISTRICT 4	1,310	86	102	111	121	130	121	103	117	109	95	106	109
JUAB	148	15	8	10	14	11	11	14	17	12	9	15	12
MILLARD	301	20	22	33	21	32	31	26	27	28	18	21	22
PIUTE	25	1	--	7	2	4	1	3	1	--	2	4	--
SANPETE	364	24	27	24	29	42	45	28	33	31	33	19	29
SEVIER	424	24	41	34	48	37	28	25	36	34	30	43	44
WAYNE	48	2	4	3	7	4	5	7	3	4	3	4	2
DISTRICT 5	1,630	127	140	153	125	153	140	155	125	130	143	122	117
BEAVER	117	8	9	14	12	11	5	10	10	15	9	9	5
GARFIELD	95	9	2	6	13	4	8	10	9	11	5	6	12
IRON	509	39	48	60	39	49	45	48	33	38	44	38	28
KANE	86	4	6	8	3	9	10	9	7	6	8	6	10
WASHINGTON	823	67	75	65	58	80	72	78	66	60	77	63	62
DISTRICT 6	1,183	81	79	96	109	116	91	102	99	93	107	100	110
DAGGETT	26	--	3	1	1	2	5	--	1	4	7	--	2
DUCHESNE	412	23	30	42	37	45	35	24	45	27	33	34	37
UINTAH	745	58	46	53	71	69	51	78	53	62	67	66	71
DISTRICT 7	1,555	136	108	131	110	143	123	131	151	136	113	114	159
CARBON	581	36	42	57	33	54	54	52	48	49	47	43	66
EMERY	380	38	26	32	26	31	28	31	34	31	28	32	41
GRAND	224	27	13	15	16	21	14	15	23	23	20	17	20
SAN JUAN	370	35	25	27	35	37	27	33	46	33	18	22	32

TABLE A-4

LIVE BIRTHS BY AGE AND RESIDENCE OF MOTHER: UTAH, 1981

RESIDENCE OF MOTHER	TOTAL LIVE BIRTHS	AGE OF MOTHER									
		UNDER 15	15-19 YEARS			20-24	25-29	30-34	35-39	40-44	45+
			TOTAL	15-17	18-19						
TOTAL	41,286	34	4,394	1,306	3,088	14,963	12,521	6,746	2,210	395	22
DISTRICT 1	2,864	1	272	77	195	1,125	861	420	153	31	1
BOX ELDER	932	--	119	40	79	339	269	144	48	13	--
CACHE	1,854	1	138	34	104	758	570	267	101	18	1
RICH	78	--	15	3	12	28	22	9	4	--	--
DISTRICT 2N	7,666	2	869	243	626	2,751	2,273	1,278	422	64	6
DAVIS	3,964	--	390	117	273	1,336	1,217	728	259	32	2
MORGAN	106	--	10	2	8	36	32	17	10	--	1
WEBER	3,596	2	469	124	345	1,379	1,024	533	153	32	3
DISTRICT 2S	17,084	19	1,867	599	1,268	5,801	5,392	2,963	892	143	7
SALT LAKE	16,415	17	1,744	563	1,181	5,593	5,205	2,853	857	139	7
TOOELE	669	2	123	36	87	208	187	110	35	4	--
DISTRICT 3	7,994	6	608	174	434	3,239	2,437	1,156	445	97	6
SUMMIT	244	--	28	6	22	71	76	50	14	5	--
UTAH	7,505	6	550	158	392	3,089	2,282	1,073	413	86	6
WASATCH	245	--	30	10	20	79	79	33	18	6	--
DISTRICT 4	1,310	--	162	47	115	431	373	236	90	18	--
JUAB	148	--	24	7	17	55	32	25	9	3	--
MILLARD	301	--	29	9	20	88	98	51	28	7	--
PIUTE	25	--	2	1	1	5	9	5	3	1	--
SANPETE	364	--	44	11	33	127	104	65	18	6	--
SEVIER	424	--	57	17	40	142	117	79	29	--	--
WAYNE	48	--	6	2	4	14	13	11	3	1	--
DISTRICT 5	1,630	--	173	26	147	578	441	328	88	21	1
BEAVER	117	--	15	5	10	44	26	27	4	1	--
GARFIELD	95	--	15	2	13	37	21	17	5	--	--
IRON	509	--	52	5	47	199	134	103	20	1	--
KANE	86	--	11	2	9	25	23	20	6	1	--
WASHINGTON	823	--	80	12	68	273	237	161	53	18	1
DISTRICT 6	1,183	3	193	62	131	432	322	161	59	12	1
DAGGETT	26	--	6	2	4	9	9	--	2	--	--
DUCHESNE	412	1	71	20	51	132	107	71	26	3	1
UINTAH	745	2	116	40	76	291	206	90	31	9	--
DISTRICT 7	1,555	3	250	78	172	606	422	204	61	9	--
CARBON	581	--	100	29	71	233	157	74	14	3	--
EMERY	380	2	60	17	43	148	103	50	15	2	--
GRAND	224	--	39	13	26	92	59	30	4	--	--
SAN JUAN	370	1	51	19	32	133	103	50	28	4	--

NOTE: TOTAL INCLUDES ONE RESIDENT OF WEBER COUNTY WITH AGE NOT STATED.

TABLE A-5

LIVE BIRTHS BY RESIDENCE OF MOTHER AND RACE OF INFANT: UTAH, 1981

RESIDENCE OF MOTHER	TOTAL LIVE BIRTHS	RACE OF INFANT				
		WHITE	BLACK	INDIAN	OTHER NON-WHITE	NOT STATED
TOTAL	41,286	39,372	286	595	1,010	23
DISTRICT 1	2,864	2,757	12	38	56	1
BOX ELDER	932	889	--	25	17	1
CACHE	1,854	1,792	12	12	38	--
RICH	78	76	--	1	1	--
DISTRICT 2N	7,666	7,373	109	27	156	1
DAVIS	3,964	3,831	45	11	77	--
MORGAN	106	106	--	--	--	--
WEBER	3,596	3436	64	16	79	1
DISTRICT 2S	17,084	16,153	144	172	610	5
SALT LAKE	16,415	15,511	136	162	601	5
TOOELE	669	642	8	10	9	--
DISTRICT 3	7,994	7,753	14	76	142	9
SUMMIT	244	240	1	3	--	--
UTAH	7,505	7,271	13	72	142	7
WASATCH	245	242	--	1	--	2
DISTRICT 4	1,310	1,270	1	20	19	--
JUAB	148	147	--	1	--	--
MILLARD	301	276	1	10	14	--
PIUTE	25	25	--	--	--	--
SANPETE	364	359	--	4	1	--
SEVIER	424	416	--	4	4	--
WAYNE	48	47	--	1	--	--
DISTRICT 5	1,630	1,586	3	22	16	3
BEAVER	117	114	1	--	1	1
GARFIELD	95	93	--	2	--	--
IRON	509	486	2	12	9	--
KANE	86	84	--	--	2	--
WASHINGTON	823	809	--	8	4	2
DISTRICT 6	1,183	1,092	1	85	4	1
DAGGETT	26	26	--	--	--	--
DUCHESNE	412	395	--	16	1	--
UINTAH	745	671	1	69	3	1
DISTRICT 7	1,555	1,388	2	155	7	3
CARBON	581	571	1	7	2	--
EMERY	380	372	--	4	4	--
GRAND	224	217	--	3	1	3
SAN JUAN	370	228	1	141	--	--

TABLE A-6

LIVE BIRTHS BY RESIDENCE OF MOTHER AND BIRTH WEIGHT OF INFANT: UTAH, 1981

RESIDENCE OF MOTHER	TOTAL LIVE BIRTHS	BIRTH WEIGHT IN GRAMS AND POUNDS									
		UNDER 1,000 (2 LBS. 3 OZ. OR LESS)	1,000-1,499 (2 LBS. 4 OZ.-3 LBS 4 OZ.)	1,500-1,499 (3 LBS. 5 OZ.-4 LBS. 6 OZ.)	2,000-2,499 (4 LBS. 7 OZ.-5 LBS. 8 OZ.)	2,500-2,999 (5 LBS. 9 OZ.-6 LBS. 9 OZ.)	3,000-3,499 (6 LBS. 10 OZ.-7 LBS. 11 OZ.)	3,500-3,999 (7 LBS. 2 OZ.-8 LBS. 13 OZ.)	4,000-4,499 (8 LBS. 14 OZ.-9 LBS. 15 OZ.)	4,500 & OVER (10 LBS. & OVER)	NOT STATED
TOTAL	41,286	142	190	387	1,511	6,483	15,876	12,513	3,488	622	74
DISTRICT 1	2,864	15	8	22	91	440	1,141	878	224	44	1
BOX ELDER	932	1	2	5	32	132	344	297	93	25	1
CACHE	1,854	14	6	16	54	288	770	561	127	18	--
RICH	78	--	--	1	5	20	27	20	4	1	--
DISTRICT 2N	7,666	26	46	79	296	1,217	3,017	2,297	588	93	7
DAVIS	3,964	7	19	43	144	617	1,586	1,186	310	48	4
MORGAN	106	--	--	1	3	18	36	38	10	--	--
WEBER	3,596	19	27	35	149	582	1,395	1,073	268	45	3
DISTRICT 2S	17,084	52	77	167	700	2,862	6,595	4,936	1,413	253	29
SALT LAKE	16,415	51	73	154	673	2,748	6,339	4,756	1,360	236	25
TOOELE	669	1	4	13	27	114	256	180	53	17	4
DISTRICT 3	7,994	25	39	60	220	1,057	2,965	2,683	784	149	12
SUMMIT	244	--	2	1	10	45	94	77	16	4	--
UTAH	7,505	23	36	57	202	972	2,776	2,536	750	142	11
WASATCH	245	2	1	2	8	40	95	75	18	3	1
DISTRICT 4	1,310	1	1	17	53	202	498	404	105	22	7
JUAB	148	--	--	--	6	27	54	43	16	1	1
MILLARD	301	--	1	3	11	45	115	95	23	6	2
PIUTE	25	--	--	2	2	3	6	10	1	--	1
SANPETE	364	--	--	6	13	54	133	119	32	5	2
SEVIER	424	--	--	6	18	67	169	123	31	9	1
WAYNE	48	1	--	--	3	6	21	14	2	1	--
DISTRICT 5	1,630	7	7	13	47	229	596	538	160	27	6
BEAVER	117	--	--	--	2	19	46	37	10	2	1
GARFIELD	95	--	2	--	3	14	38	21	12	5	--
IRON	509	4	2	9	17	75	181	169	43	8	1
KANE	86	--	--	1	4	11	27	32	9	1	1
WASHINGTON	823	3	3	3	21	110	304	279	86	11	3
DISTRICT 6	1,183	2	7	15	40	194	472	332	98	16	7
DAGGETT	26	--	1	--	--	9	6	9	--	1	--
DUCHESNE	412	1	2	3	18	70	162	111	34	6	5
UINTAH	745	1	4	12	22	115	304	212	64	9	2
DISTRICT 7	1,555	14	5	14	64	282	592	445	116	18	5
CARBON	581	6	1	7	24	110	215	163	49	6	--
EMERY	380	4	2	--	18	61	144	116	29	6	--
GRAND	224	1	--	3	10	44	82	57	20	5	2
SAN JUAN	370	3	2	4	12	67	151	109	18	1	3

TABLE A-7

LIVE BIRTHS BY RESIDENCE OF MOTHER AND MONTH PRENATAL CARE BEGAN: UTAH, 1981

RESIDENCE OF MOTHER	TOTAL LIVE BIRTHS	MONTH PRENATAL CARE BEGAN										
		NONE	1	2	3	4	5	6	7	8	9	NOT STATED
TOTAL	41,286	179	3,644	16,533	12,307	3,963	1,651	809	534	286	119	1,261
DISTRICT 1	2,864	17	115	1,041	1,161	289	95	45	31	27	8	35
BOX ELDER	932	3	56	365	293	107	37	15	12	15	2	27
CACHE	1,854	12	53	651	836	171	57	29	19	12	6	8
RICH	78	2	6	25	32	11	1	1	--	--	--	--
DISTRICT 2N	7,666	25	821	3,586	2,030	616	258	115	79	49	18	69
DAVIS	3,964	7	387	1,761	1,167	340	137	51	44	24	9	37
MORGAN	106	--	6	53	31	9	4	2	1	--	--	--
WEBER	3596	18	428	1,772	832	267	117	62	34	25	9	32
DISTRICT 2S	17,084	62	1,489	5,976	5,447	1,674	687	351	242	100	50	1,006
SALT LAKE	16,415	60	1,463	5,798	5,189	1,589	643	323	228	96	48	978
TOOELE	669	2	26	178	258	85	44	28	14	4	2	28
DISTRICT 3	7,994	25	817	3,664	2,076	774	323	145	70	33	12	55
SUMMIT	244	3	17	89	70	37	4	9	1	1	--	13
UTAH	7,505	22	794	3,458	1,947	704	309	128	63	31	11	38
WASATCH	245	--	6	117	59	33	10	8	6	1	1	4
DISTRICT 4	1,310	7	124	592	349	130	51	24	18	4	2	9
JUAB	148	1	14	66	34	19	5	4	2	--	--	3
MILLARD	301	2	24	117	101	28	13	9	4	1	1	1
PIUTE	25	--	4	14	3	2	1	--	--	--	--	1
SANPETE	364	4	28	154	96	46	18	9	6	2	--	1
SEVIER	424	--	51	215	105	30	12	2	5	1	1	2
WAYNE	48	--	3	26	10	5	2	--	1	--	--	1
DISTRICT 5	1,630	8	127	666	420	184	71	47	34	31	10	32
BEAVER	117	2	4	48	31	14	5	4	4	3	--	2
GARFIELD	95	--	9	44	21	10	2	2	2	2	1	2
IRON	509	3	73	225	114	55	21	10	7	1	--	--
KANE	86	--	3	29	30	12	3	4	3	1	--	1
WASHINGTON	823	3	38	320	224	93	40	27	18	24	9	27
DISTRICT 6	1,183	8	66	455	344	134	77	37	21	18	5	18
DAGGETT	26	--	1	9	12	2	2	--	--	--	--	--
DUCHESNE	412	4	38	186	106	42	17	8	2	2	2	5
UINTAH	745	4	27	260	226	90	58	29	19	16	3	13
DISTRICT 7	1,555	27	85	553	480	162	89	45	39	24	14	37
CARBON	581	1	29	246	168	56	35	12	13	8	3	10
EMERY	380	2	32	142	121	37	15	12	2	8	1	8
GRAND	224	1	17	83	73	25	12	4	4	1	1	3
SAN JUAN	370	23	7	82	118	44	27	17	20	7	9	16

TABLE A-8

LIVE BIRTHS BY RESIDENCE OF MOTHER AND NUMBER OF PRENATAL VISITS: UTAH, 1981

RESIDENCE OF MOTHER	TOTAL LIVE BIRTHS	PRENATAL VISITS							
		NONE	1-5	6-9	10-14	15-18	19-27	27+	NOT STATED
TOTAL	41,286	183	2,009	11,167	23,826	2,532	272	54	1,243
DISTRICT 1	2,864	17	125	700	1,881	104	5	1	31
BOX ELDER	932	3	63	288	528	38	3	--	9
CACHE	1,854	12	60	382	1,310	65	2	1	22
RICH	78	2	2	30	43	1	--	--	--
DISTRICT 2N	7,666	26	241	2,293	4,273	408	40	6	179
DAVIS	3,964	7	181	1,106	2,325	251	24	6	64
MORGAN	106	--	9	41	53	--	--	--	3
WEBER	3,596	19	251	1,146	1,895	157	16	--	112
DISTRICT 2S	17,084	65	623	3,634	10,535	1,177	109	35	906
SALT LAKE	16,415	63	589	3,485	10,150	1,107	105	33	883
TOOELE	669	2	34	149	385	70	4	2	23
DISTRICT 3	7,994	25	319	2,625	4,552	340	69	11	53
SUMMIT	244	3	6	75	137	12	--	--	11
UTAH	7,505	22	302	2,415	4,325	325	68	11	37
WASATCH	245	--	11	135	90	3	1	--	5
DISTRICT 4	1,310	7	76	344	770	81	22	--	10
JUAB	148	1	9	36	90	9	1	--	2
MILLARD	301	2	23	58	193	18	5	--	2
PIUTE	25	--	1	10	13	--	--	--	1
SANPETE	364	4	19	99	191	36	12	--	3
SEVIER	424	--	22	124	256	16	4	--	2
WAYNE	48	--	2	17	27	2	--	--	--
DISTRICT 5	1,630	8	134	511	855	104	8	--	10
BEAVER	117	2	8	23	77	6	--	--	1
GARFIELD	95	--	7	44	38	3	2	--	1
IRON	509	3	19	92	331	58	5	--	1
KANE	86	--	9	26	47	2	--	--	2
WASHINGTON	823	3	91	326	362	35	1	--	5
DISTRICT 6	1,183	8	99	308	452	290	14	1	11
DAGGETT	26	--	7	6	13	--	--	--	--
DUCHESNE	412	4	32	95	110	163	4	--	4
UINTAH	745	4	60	207	329	127	10	1	7
DISTRICT 7	1,555	27	192	752	508	28	5	--	43
CARBON	581	1	72	322	166	4	1	--	15
EMERY	380	2	36	212	104	10	3	--	13
GRAND	224	1	12	93	111	5	--	--	2
SAN JUAN	370	23	72	125	127	9	1	--	13

TABLE A-9

LIVE BIRTHS BY AGE OF MOTHER, RACE AND BIRTH ORDER OF INFANT, RESIDENTS: UTAH, 1981

RACE AND BIRTH ORDER OF INFANT	TOTAL LIVE BIRTHS	AGE OF MOTHER							
		UNDER 15	15-19	20-24	25-29	30-34	35-39	40-45	OVER 45
TOTAL ALL RACES	41,286	34	4,394	14,963	12,521	6,746	2,210	395	22
FIRST	13,055	32	3,473	6,694	2,213	552	84	7	--
SECOND	10,625	2	789	5,544	3,245	881	152	12	--
THIRD	7,338	--	108	2,122	3,584	1,260	244	19	1
FOURTH	4,808	--	6	476	2,333	1,588	360	44	1
FIFTH	2,662	--	--	92	855	1,273	402	40	--
SIXTH AND OVER	2,747	--	--	14	283	1,190	967	273	20
NOT STATED	51	--	18	21	8	2	1	--	--
WHITE	39,372	32	4,143	14,313	11,953	6,438	2,103	369	21
FIRST	12,378	30	3,278	6,422	2,059	507	75	7	--
SECOND	10,141	2	746	5,331	3,084	831	139	8	--
THIRD	6,999	--	100	2,011	3,451	1,191	229	16	1
FOURTH	4,619	--	5	438	2,254	1,536	342	43	1
FIFTH	2,575	--	--	81	829	1,238	389	38	--
SIXTH AND OVER	2,617	--	--	10	269	1,133	929	257	19
NOT STATED	43	--	14	20	7	2	--	--	--
BLACK	286	--	54	111	84	27	9	1	--
FIRST	125	--	42	52	25	4	2	--	--
SECOND	84	--	9	46	25	2	2	--	--
THIRD	46	--	1	10	22	11	2	--	--
FOURTH	22	--	--	3	11	6	2	--	--
FIFTH	2	--	--	--	--	2	--	--	--
SIXTH AND OVER	5	--	--	--	1	2	1	1	--
NOT STATED	2	--	2	--	--	--	--	--	--
INDIAN	595	2	98	246	143	71	29	6	--
FIRST	208	2	76	91	31	6	2	--	--
SECOND	134	--	16	72	35	8	2	1	--
THIRD	104	--	5	52	31	14	1	1	--
FOURTH	64	--	1	19	27	12	5	--	--
FIFTH	40	--	--	9	14	12	5	--	--
SIXTH AND OVER	44	--	--	3	4	19	14	4	--
NOT STATED	1	--	--	--	1	--	--	--	--
OTHER NONWHITE	1,010	--	96	261	336	209	68	19	1
FIRST	337	--	75	124	98	35	5	--	--
SECOND	259	--	18	89	100	40	9	3	--
THIRD	186	--	2	49	77	44	12	2	--
FOURTH	101	--	--	16	40	33	11	1	--
FIFTH	45	--	--	2	12	21	8	2	--
SIXTH AND OVER	81	--	--	1	9	36	23	11	1
NOT STATED	1	--	1	--	--	--	--	--	--
NOT STATED	23	--	3	12	5	1	1	--	--
FIRST	7	--	2	5	--	--	--	--	--
SECOND	7	--	--	6	1	--	--	--	--
THIRD	3	--	--	--	3	--	--	--	--
FOURTH	2	--	--	--	1	1	--	--	--
FIFTH	--	--	--	--	--	--	--	--	--
SIXTH AND OVER	--	--	--	--	--	--	--	--	--
NOT STATED	4	--	1	1	--	--	1	--	--

NOTE: TOTALS INCLUDE ONE MOTHER WITH AGE AND BIRTH ORDER NOT STATED.

TABLE A-10

LIVE BIRTHS BY AGE OF MOTHER, RACE OF INFANT AND MONTH PRENATAL CARE BEGAN, RESIDENTS: UTAH, 1981

RACE OF INFANT AND AGE OF MOTHER	TOTAL LIVE BIRTHS	MONTH PRENATAL CARE BEGAN										
		NONE	1	2	3	4	5	6	7	8	9	NOT STATED
TOTAL	41,286	179	3,644	16,533	12,307	3,963	1,631	809	534	286	119	1,261
UNDER 15	34	2	--	5	6	8	7	1	2	--	1	2
15-19	4,394	40	309	1,319	1,251	593	313	185	106	60	23	195
20-24	14,963	68	1,418	6,162	4,313	1,352	570	286	205	100	49	440
25-29	12,521	34	1,165	5,335	3,759	1,112	394	175	110	74	28	337
30-34	6,746	20	570	2,727	2,127	605	257	110	76	38	13	203
35-39	2,210	12	149	856	733	219	89	39	28	9	4	72
40-44	395	3	32	122	111	71	19	12	7	5	3	10
45 AND OVER	22	--	1	7	7	3	2	1	--	--	--	1
WHITE	39,372	138	3,506	16,016	11,832	3,747	1,528	721	463	238	92	1,091
UNDER 15	32	2	--	5	5	7	7	1	2	--	1	2
15-19	4,143	30	296	1,267	1,202	559	289	167	90	52	19	172
20-24	14,313	52	1,378	5,994	4,152	1,272	521	262	180	82	37	383
25-29	11,953	27	1,109	5,157	3,613	1,057	369	150	90	63	21	297
30-34	6,438	18	549	2,637	2,044	572	238	99	69	30	9	173
35-39	2,103	7	144	829	703	211	85	33	26	7	2	56
40-44	369	2	29	120	106	66	17	8	6	4	3	8
45 AND OVER	21		1	7	7	3	2	1	--	--	--	--
BLACK	286	--	23	80	89	35	21	12	8	6	1	11
UNDER 15	--	--	--	--	--	--	--	--	--	--	--	--
15-19	34	--	3	13	11	10	5	4	5	2	--	1
20-24	111	--	8	32	37	12	10	2	3	3	1	3
25-29	84	--	9	23	31	8	4	4	--	--	--	5
30-34	27	--	3	8	6	4	2	1	--	1	--	2
35-39	9	--	--	4	3	1	--	1	--	--	--	--
40-44	1	--	--	--	1	--	--	--	--	--	--	--
INDIAN	595	31	38	158	126	64	38	34	34	19	17	36
UNDER 15	2	--	--	--	1	1	--	--	--	--	--	--
15-19	98	8	3	25	20	9	6	7	8	4	3	5
20-24	246	12	16	65	50	24	20	13	13	7	9	17
25-29	143	7	14	44	28	15	6	6	10	4	2	7
30-34	71	--	4	21	21	9	4	4	1	2	3	2
35-39	29	3	1	3	6	4	2	2	1	2	--	5
40-44	6	1	--	--	--	2	--	2	1	--	--	--
OTHER NONWHITE	1,010	10	76	272	256	115	62	42	29	23	9	116
UNDER 15	--	--	--	--	--	--	--	--	--	--	--	--
15-19	96	2	7	12	18	15	13	7	3	2	1	16
20-24	281	4	15	69	71	43	19	9	9	8	2	32
25-29	336	--	33	109	87	31	13	15	10	7	3	28
30-34	209	2	14	60	56	20	13	6	6	5	1	26
35-39	68	2	4	20	20	3	2	3	1	--	2	11
40-44	19	--	3	2	4	3	2	2	--	1	--	2
45 AND OVER	1	--	--	--	--	--	--	--	--	--	--	1
RACE NOT STATED	23	--	1	7	4	2	2	--	--	--	--	7
UNDER 15	--	--	--	--	--	--	--	--	--	--	--	--
15-19	3	--	--	2	--	--	--	--	--	--	--	1
20-24	12	--	1	2	3	1	--	--	--	--	--	5
25-29	5	--	--	2	--	1	2	--	--	--	--	--
30-34	1	--	--	1	--	--	--	--	--	--	--	--
35-39	1	--	--	--	1	--	--	--	--	--	--	--

NOTE: TOTALS INCLUDE ONE MOTHER WITH AGE, RACE AND MONTH PRENATAL CARE BEGAN NOT STATED.

TABLE A-11

LIVE BIRTHS BY AGE OF MOTHER, RACE OF INFANT AND PRENATAL VISITS, RESIDENTS: UTAH, 1981

RACE OF INFANT AND AGE OF MOTHER	TOTAL LIVE BIRTHS	NUMBER OF PRENATAL VISITS							
		NONE	1 - 5	6 - 9	10 - 14	15 - 18	19 - 27	27+	NOT STATED
TOTAL	41,286	183	2,009	11,167	23,826	2,532	272	54	1,243
UNDER 15	34	2	8	8	12	1	--	--	3
15-19	4,394	41	408	1,285	2,171	249	36	5	199
20-24	14,963	69	729	4,035	8,644	939	88	17	442
25-29	12,521	35	444	3,310	7,512	795	82	21	322
30-34	6,746	21	276	1,783	3,988	423	53	8	194
35-39	2,210	12	108	615	1,286	107	9	2	71
40-44	395	3	36	123	202	16	4	1	10
45 AND OVER	22	--	--	8	11	2	--	--	1
WHITE	39,372	142	1,745	10,633	23,030	2,410	267	53	1,092
UNDER 15	32	2	7	8	11	1	--	--	3
15-19	4,143	31	357	1,208	2,096	234	36	5	176
20-24	14,313	53	636	3,853	8,385	896	87	16	387
25-29	11,953	28	383	3,170	7,228	756	79	21	288
30-34	6,438	19	240	1,686	3,860	403	52	8	170
35-39	2,103	7	92	586	1,243	104	9	2	60
40-44	369	2	30	114	196	14	4	1	8
45 AND OVER	21	--	--	8	11	2	--	--	--
BLACK	286	--	30	79	138	23	1	1	14
UNDER 15	--	--	--	--	--	--	--	--	--
15-19	54	--	12	19	15	6	--	--	2
20-24	111	--	13	30	56	6	--	1	5
25-29	84	--	4	18	47	9	1	--	5
30-34	27	--	1	9	14	1	--	--	2
35-39	9	--	--	3	5	1	--	--	--
40-44	1	--	--	--	1	--	--	--	--
INDIAN	595	31	123	159	204	50	1	--	27
UNDER 15	2	--	1	--	1	--	--	--	--
15-19	98	8	23	25	30	8	--	--	4
20-24	246	12	51	66	77	26	1	--	13
25-29	143	7	25	32	66	7	--	--	6
30-34	71	--	12	25	25	8	--	--	1
35-39	29	3	8	9	5	1	--	--	3
40-44	6	1	3	2	--	--	--	--	--
OTHER NONWHITE	1,010	10	109	289	448	48	3	--	103
UNDER 15	--	--	--	--	--	--	--	--	--
15-19	96	2	16	32	29	1	--	--	16
20-24	281	4	28	83	123	11	--	--	32
25-29	336	--	31	87	170	23	2	--	23
30-34	209	2	23	63	89	10	1	--	21
35-39	68	2	8	17	32	1	--	--	8
40-44	19	--	3	7	5	2	--	--	2
45 AND OVER	1	--	--	--	--	--	--	--	1
NOT STATED	23	--	2	7	6	1	--	--	7
UNDER 15	--	--	--	--	--	--	--	--	--
15-19	3	--	--	1	1	--	--	--	1
20-24	12	--	1	3	3	--	--	--	5
25-29	5	--	1	3	1	--	--	--	--
30-34	1	--	--	--	--	1	--	--	--
35-39	1	--	--	--	1	--	--	--	--
40-44	--	--	--	--	--	--	--	--	--

NOTE: TOTALS INCLUDE ONE MOTHER WITH AGE, RACE AND NUMBER OF PRENATAL VISITS NOT STATED.

TABLE A-12

LIVE BIRTHS BY BIRTH WEIGHT, SEX AND RACE OF INFANT, RESIDENTS: UTAH, 1981

RACE AND SEX OF INFANT	TOTAL LIVE BIRTHS	BIRTH WEIGHT IN GRAMS AND POUNDS								
		UNDER 1,000 (2 LBS. 3 OZ. OR LESS)	1,000-1,499 (2 LBS. 4 OZ.-3 LBS. 4 OZ.)	1,500-1,499 (3 LBS. 5 OZ.-4 LBS. 6 OZ.)	2,000-2,499 (4 LBS. 7 OZ.-5 LBS. 8 OZ.)	2,500-2,999 (5 LBS. 9 OZ.-6 LBS. 9 OZ.)	3,000-3,499 (6 LBS. 10 OZ.-7 LBS. 11 OZ.)	3,500-3,999 (7 LBS. 2 OZ.-8 LBS. 13 OZ.)	4,000-4,499 (8 LBS. 14 OZ.-9 LBS. 15 OZ.)	4,500 & OVER (10 LBS. & OVER)	NOT STATED
TOTAL	41,286	142	190	387	1,511	6,483	15,876	12,513	3,488	622	74
FEMALE	20,100	72	106	201	830	3,641	8,216	5,545	1,250	203	36
MALE	21,186	70	84	186	681	2,842	7,660	6,968	2,238	419	38
WHITE	39,372	132	180	367	1,429	6,085	15,097	12,031	3,380	605	66
FEMALE	19,169	64	103	190	780	3,418	7,825	5,340	1,217	197	35
MALE	20,203	68	77	177	649	2,667	7,272	6,691	2,163	408	31
BLACK	286	5	1	3	16	65	122	64	9	1	—
FEMALE	154	4	--	2	13	46	65	21	3	--	--
MALE	132	1	1	1	3	19	57	43	6	1	--
INDIAN	595	3	4	5	19	105	224	181	45	8	1
FEMALE	287	3	1	3	13	50	114	83	17	3	—
MALE	308	—	3	2	6	55	110	98	28	5	1
OTHER NONWHITE	1,010	1	6	11	46	227	427	230	53	7	4
FEMALE	482	1	2	6	23	126	210	98	13	3	--
MALE	528	—	2	5	23	101	217	132	40	4	4
NOT STATED	23	1	1	1	1	1	6	7	1	1	3
FEMALE	8	--	--	--	1	1	2	3	--	--	1
MALE	15	1	1	1	--	--	4	4	1	1	2

TABLE A-13

LIVE BIRTHS BY BIRTH WEIGHT AND WEEKS GESTATION, RESIDENTS: UTAH, 1981

BIRTH WEIGHT IN GRAMS AND POUNDS

GESTATION PERIOD IN WEEKS	TOTAL LIVE BIRTHS	UNDER 1,000 (2 LBS. 3 OZ. OR LESS)	1,000-1,499 (2 LBS. 4 OZ. 3 LBS. 4 OZ.)	1500-1,499 (3 LBS. 5 OZ. 4 LBS. 6 OZ.)	2,000-2,499 (4 LBS. 7 OZ. 5 LBS. 8 OZ.)	2,500-2,999 (5 LBS. 9 OZ. 6 LBS. 9 OZ.)	3,000-3,499 (6 LBS. 10 OZ. 7 LBS. 11 OZ.)	3,500-3,999 (7 LBS. 2 OZ. 8 LBS. 13 OZ.)	4,000-4,499 (8 LBS. 14 OZ. 9 LBS. 15 OZ.)	4,500 & Over (10 LBS. & OVER)	NOT STATED
TOTAL	41,286	142	190	387	1,511	6,483	15,876	12,513	3,488	622	74
UNDER 20	5	4	--	--	--	1	--	--	--	--	--
20-27	111	78	13	3	4	1	1	--	--	--	11
28-35	1,261	27	128	207	346	255	186	91	14	1	6
36	772	1	3	33	151	280	203	77	19	2	3
37	1,457	1	2	30	157	525	529	180	22	10	1
38	3,376	5	3	23	181	894	1,438	695	111	22	4
39	7,290	1	--	19	173	1,274	3,279	2,080	395	62	7
40	9,750	--	--	12	140	1,243	3,991	3,373	850	136	5
41	7,366	--	--	6	89	686	2,711	2,768	934	169	3
42	3,664	--	--	4	53	380	1,266	1,322	533	100	6
43	1,560	--	2	4	23	178	554	561	191	45	2
44	810	--	--	1	17	123	308	254	87	20	--
45+	1,223	--	--	5	27	159	435	419	148	29	1
NOT STATED	2,641	25	39	40	150	484	975	693	184	26	25

TABLE A-14

LIVE BIRTHS BY AGE AND EDUCATION OF MOTHER AND NUMBER OF PREVIOUS LIVE BIRTHS, RESIDENTS: UTAH, 1981

PREVIOUS LIVE BIRTHS AND AGE OF MOTHER	TOTAL LIVE BIRTHS	EDUCATION OF MOTHER			
		LESS THAN HIGH SCHOOL	HIGH SCHOOL GRADUATE	ONE OR MORE YEARS OF COLLEGE	NOT STATED
TOTAL	41,286	5 426	15,338	20,126	396
UNDER 20	4,428	2,412	1,726	220	70
20-29	27,484	2,610	11,031	13,604	239
30 AND OVER	9,373	404	2,581	6,302	86
NOT STATED	1	--	--	--	1
NO PREVIOUS LIVE BIRTH	13,055	2,282	4,739	5,902	132
UNDER 20	3,505	1,821	1,419	217	48
20-29	8,907	445	3,200	5,184	78
30 AND OVER	643	16	120	501	6
NOT STATED	--	--	--	--	--
ONE PREVIOUS LIVE BIRTH	10,625	1,412	4,359	4,771	83
UNDER 20	791	495	279	3	14
20-29	8,789	898	3,834	3,995	62
30 AND OVER	1,045	19	246	773	7
NOT STATED	--	--	--	--	--
TWO PREVIOUS LIVE BIRTHS	7,538	875	2,787	3,615	61
UNDER 20	108	86	19	--	3
20-29	5,706	730	2,307	2,617	52
30 AND OVER	1,524	59	461	998	6
NOT STATED	--	--	--	--	--
THREE PREVIOUS LIVE BIRTHS	4,808	428	1,731	2,608	41
UNDER 20	6	6	--	--	--
20-29	2,809	343	1,170	1,269	27
30 AND OVER	1,993	79	561	1,339	14
NOT STATED	--	--	--	--	--
FOUR PREVIOUS LIVE BIRTHS OR MORE	5,409	423	1,704	3,222	60
UNDER 20	--	--	--	--	--
20-29	1,244	192	511	531	10
30 AND OVER	4,165	231	1,193	2,691	50
NOT STATED	--	--	--	--	--
NOT STATED	51	6	18	8	19
UNDER 20	18	4	9	--	5
20-29	29	2	9	8	10
30 AND OVER	3	--	--	--	3
NOT STATED	1	--	--	--	1

TABLE A-15

LIVE BIRTHS BY AGE AND EDUCATION OF PARENTS, RESIDENTS: UTAH, 1981

AGE OF PARENTS	TOTAL LIVE BIRTHS		EDUCATION OF PARENTS							
			LESS THAN HIGH SCHOOL EDUCATION		HIGH SCHOOL EDUCATION		ONE OR MORE YEARS OF COLLEGE		NOT STATED	
	FATHER	MOTHER	FATHER	MOTHER	FATHER	MOTHER	FATHER	MOTHER	FATHER	MOTHER
TOTAL	41,286	41,286	3,225	5,426	11,811	15,338	23,931	20,126	2,319	396
UNDER 15	1	34	1	34	--	--	--	--	--	--
15	3	128	2	122	--	--	--	--	1	6
16	29	409	26	397	--	1	--	--	3	11
17	125	769	105	652	18	107	--	--	2	10
18	425	1,251	191	611	214	606	8	16	12	18
19	741	1,837	233	596	412	1,012	82	204	14	25
20-24	10,409	14,963	1,374	1,903	4,551	6,707	4,352	6,202	132	151
25-29	13,640	12,521	693	707	3,936	4,324	8,896	7,402	115	88
30-34	8,578	6,746	268	254	1,584	1,828	6,658	4,614	68	50
35-39	3,606	2,210	139	108	623	617	2,797	1,454	47	31
40-44	1,183	395	90	39	267	131	808	221	18	4
45+	506	22	58	3	127	5	298	13	23	1
NOT STATED	2,040	1	45	--	79	--	32	--	1,884	1

TABLE A-16

OUT-OF-WEDLOCK LIVE BIRTHS BY AGE AND EDUCATION OF PARENTS, RESIDENTS: UTAH, 1981

AGE OF PARENTS	TOTAL LIVE BIRTHS		EDUCATION OF PARENTS							
			LESS THAN HIGH SCHOOL EDUCATION		HIGH SCHOOL EDUCATION		ONE OR MORE YEARS OF COLLEGE		NOT STATED	
	FATHER	MOTHER	FATHER	MOTHER	FATHER	MOTHER	FATHER	MOTHER	FATHER	MOTHER
TOTAL	2,694	2,694	283	1,294	330	962	140	378	1,941	60
UNDER 15	--	29	--	29	--	--	--	--	--	--
15	3	76	2	76	--	--	--	--	1	--
16	7	178	5	173	--	--	--	--	2	5
17	29	240	26	219	2	19	--	--	1	2
18	53	284	30	169	17	106	--	4	6	5
19	52	316	25	146	13	138	4	27	10	5
20-24	277	1,005	94	333	112	461	28	183	43	28
25-29	163	385	34	105	72	161	38	110	19	9
30-34	68	136	10	31	23	61	26	42	9	2
35-39	30	36	7	10	8	14	9	10	6	2
40-44	13	7	2	3	6	1	3	2	2	1
45+	11	1	4	--	--	1	3	--	4	--
NOT STATED	1,988	1	44	--	77	--	29	--	1,838	1

TABLE A-17

OUT-OF-WEDLOCK LIVE BIRTHS BY AGE AND RESIDENCE OF MOTHER: UTAH, 1981

RESIDENCE OF MOTHER	AGE OF MOTHER										
	TOTAL	UNDER 15	15-19 YEARS			20-24	25-29	30-34	35-39	40-44	45+
			TOTAL	15-17	18-19						
TOTAL	2,694	29	1,094	494	600	1,005	385	136	36	7	1
DISTRICT 1	109	1	47	24	23	40	16	4	1	--	--
BOX ELDER	52	--	25	15	10	18	8	--	1	--	--
CACHE	52	1	19	8	11	20	8	4	--	--	--
RICH	5	--	3	1	2	2	--	--	--	--	--
DISTRICT 2N	561	2	247	100	147	208	71	23	6	3	--
DAVIS	197	--	101	44	57	67	19	7	1	2	--
MORGAN	3	--	1	--	1	2	--	--	--	--	--
WEBER	361	2	145	56	89	139	52	16	5	1	--
DISTRICT 2S	1,433	17	573	269	304	531	213	78	17	3	1
SALT LAKE	1,361	15	542	257	285	502	211	71	17	2	1
TOOELE	72	2	31	12	19	29	2	7	--	1	--
DISTRICT 3	249	4	95	48	47	86	46	13	4	1	--
SUMMIT	12	--	4	1	3	1	2	4	1	--	--
UTAH	226	4	88	46	42	82	40	8	3	1	--
WASATCH	11	--	3	1	2	3	4	1	--	--	--
DISTRICT 4	42	--	16	7	9	17	5	3	1	--	--
JUAB	3	--	1	1	--	2	--	--	--	--	--
MILLARD	7	--	1	--	1	4	2	--	--	--	--
PIUTE	1	--	--	--	--	1	--	--	--	--	--
SANPETE	13	--	5	1	4	5	2	1	--	--	--
SEVIER	18	--	9	5	4	5	1	2	1	--	--
WAYNE	--	--	--	--	--	--	--	--	--	--	--
DISTRICT 5	68	--	18	5	13	40	4	5	1	--	--
BEAVER	5	--	1	--	1	3	1	--	--	--	--
GARFIELD	6	--	4	--	4	2	--	--	--	--	--
IRON	20	--	3	1	2	14	1	1	1	--	--
KANE	6	--	2	1	1	3	1	--	--	--	--
WASHINGTON	31	--	8	3	5	18	1	4	--	--	--
DISTRICT 6	85	3	40	16	24	24	10	6	2	--	--
DAGGETT	1	--	1	1	--	--	--	--	--	--	--
DUCHESNE	28	1	11	4	7	9	6	1	--	--	--
UINTAH	56	2	28	11	17	15	4	5	2	--	--
DISTRICT 7	147	2	58	25	33	59	20	4	4	--	--
CARBON	45	--	21	7	14	14	6	1	1	--	--
EMERY	15	1	6	3	3	7	1	--	--	--	--
GRAND	22	--	10	6	4	8	4	--	--	--	--
SAN JUAN	65	1	21	9	12	30	7	3	3	--	--

NOTE: TOTAL INCLUDES ONE RESIDENT OF WEBER COUNTY WITH AGE NOT STATED.

TABLE A-18

LIVE BIRTHS BY AGE, MARITAL STATUS OF MOTHER, AND RACE OF INFANT, RESIDENTS: UTAH, 1981

MARITAL STATUS OF MOTHER AND RACE OF INFANT	TOTAL LIVE BIRTHS	AGE OF MOTHER						
		UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45+
TOTAL ALL	41,286	34	4,394	14,963	12,521	6,746	2,210	395	22
WHITE	39,372	32	4,143	14,313	11,953	6,438	2,103	369	21
BLACK	286	--	54	111	84	27	9	1	--
INDIAN	595	2	98	246	143	71	29	6	--
OTHER NONWHITE	1,010	--	96	281	336	209	68	19	1
NOT STATED	23	--	3	12	5	1	1	--	--
BIRTHS IN WEDLOCK	38,592	5	3,300	13,958	12,136	6,610	2,174	388	21
WHITE	37,008	5	3,156	13,450	11,620	6,318	2,076	363	20
BLACK	184	--	19	70	61	25	8	1	--
INDIAN	410	--	43	162	118	61	21	5	--
OTHER NONWHITE	971	--	81	265	332	205	68	19	1
NOT STATED	19	--	1	11	5	1	1	--	--
BIRTHS NOT IN WEDLOCK	2,694	29	1,094	1,005	385	136	36	7	1
WHITE	2,364	27	987	863	333	120	27	6	1
BLACK	102	--	35	41	23	2	1	--	--
INDIAN	185	2	55	84	25	10	8	1	--
OTHER NONWHITE	39	--	15	16	4	4	--	--	--
NOT STATED	4	--	2	1	--	--	--	--	--

NOTE: TOTAL INCLUDES ONE MOTHER WITH AGE NOT STATED.

TABLE A-19

LIVE BIRTHS BY AGE OF MOTHER AND BIRTH WEIGHT OF INFANT, RESIDENTS: UTAH, 1981

BIRTH WEIGHT OF INFANT IN GRAMS AND POUNDS	TOTAL LIVE BIRTHS	AGE OF MOTHER									
		UNDER 15	15-19 YEARS TOTAL	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45+
TOTAL	41,286	34	4,394	1,306	3,088	14,963	12,521	6,746	2,210	395	22
UNDER 1,000 GRAMS (2 LBS. 3 OZ. OR LESS)	142	1	34	13	21	46	37	17	7	—	—
1,000-1,499 GRAMS (2 LBS. 4 OZ. TO 3 LBS. 4 OZ.)	185	—	40	12	28	62	45	16	12	—	—
1,500-1,499 GRAMS (3 LBS. 5 OZ. TO 4 LBS. 6 OZ.)	380	1	72	32	40	144	95	46	18	4	—
2,000-2,499 GRAMS (4 LBS. 7 OZ. TO 5 LBS. 8 OZ.)	1,473	4	251	77	174	576	364	193	63	19	3
2,500-2,999 GRAMS (5 LBS. 9 OZ. TO 6 LBS. 9 OZ.)	6,352	5	895	288	607	2,550	1,759	858	265	38	2
3,000-3,499 GRAMS (6 LBS. 10 OZ. TO 7 LBS. 11 OZ.)	15,795	12	1,780	527	1,253	6,129	4,763	2,[illegible]	[illegible]	118	[illegible]
3,500-3,999 GRAMS (7 LBS. 12 OZ. TO 8 LBS. 13 OZ.)	12,661	9	1,082	305	777	4,318	4,037	2,317	764	127	7
4,000-4,499 GRAMS (8 LBS. 14 OZ. TO 9 LBS. 15 OZ.)	3,582	1	201	45	156	972	1,205	843	285	72	3
4,500 GRAMS AND OVER (10 LBS. AND OVER)	642	1	28	4	24	148	190	169	88	17	1
NOT STATED	74	—	11	3	8	18	26	14	4	—	—

NOTE: TOTAL INCLUDES ONE MOTHER WITH AGE NOT STATED.

TABLE A-20

LIVE BIRTHS BY BIRTH WEIGHT OF INFANT WITH ONE OR MORE COMPLICATIONS REPORTED, RESIDENTS: UTAH, 1981

BIRTH WEIGHTS IN GRAMS	TOTAL LIVE BIRTHS	CONDITION			
		COMPLICATIONS RELATED TO PREGNANCY	COMPLICATIONS NOT RELATED TO PREGNANCY	CONGENITAL ANOMALY	AT LEAST ONE CONDITION
TOTAL	41,286	6,807	2,212	934	8,630
UNDER-1000	142	124	30	20	128
1000-1499	185	157	38	15	160
1500-1999	381	290	65	27	300
2000-2499	1,473	674	172	72	760
2500-2999	6,352	1,314	413	181	1,647
3000-3499	15,795	2,117	721	291	2,792
3500-3999	12,661	1,477	533	227	1,981
4000-4499	3,582	492	180	69	643
4500 +	641	140	49	19	186
NOT STATED	74	22	11	13	33

TABLE A-21

LIVE BIRTHS BY MONTH PRENATAL CARE BEGAN, WITH ONE OR MORE COMPLICATIONS REPORTED, RESIDENTS: UTAH, 1981

MONTH CARE BEGAN	TOTAL LIVE BIRTHS	CONDITION			
		COMPLICATIONS RELATED TO PREGNANCY	COMPLICATIONS NOT RELATED TO PREGNANCY	CONGENITAL ANOMALY	AT LEAST ONE CONDITION
TOTAL	41,286	6,807	2,212	934	8,630
NONE	179	43	11	9	51
1	3,644	764	249	75	928
2	16,533	2,755	815	356	3,438
3	12,307	1,860	666	285	2,453
4	3,963	665	186	91	820
5	1,651	227	92	40	309
6	809	121	49	19	156
7	534	79	37	15	109
8	286	30	12	12	46
9	119	21	15	3	30
NOT STATED	1,261	242	80	29	290

TABLE A-22

LIVE BIRTHS BY AGE OF MOTHER WITH ONE OR MORE COMPLICATIONS REPORTED, RESIDENTS: UTAH, 1981

AGE OF MOTHER	TOTAL LIVE BIRTHS	CONDITION			
		COMPLICATIONS RELATED TO PREGNANCY	COMPLICATIONS NOT RELATED TO PREGNANCY	CONGENITAL ANOMALY	AT LEAST ONE CONDITION
TOTAL	41,286	6,807	2,212	934	8,630
UNDER 15	34	9	2	2	13
TOTAL 15-19	4,394	811	265	86	998
15-17	1,306	251	83	31	306
18-19	3,088	560	182	55	692
20-24	14,963	2,325	717	334	2,963
25-29	12,521	1,952	664	264	2,505
30-34	6,746	1,165	379	173	1,467
35-39	2,210	438	145	57	545
40-44	395	98	35	16	129
45+	22	9	5	2	10

NOTE: TOTAL INCLUDES ONE MOTHER WITH AGE NOT STATED.

TABLE A-23

LIVE BIRTHS BY DISTRICT AND COUNTY OF RESIDENCE WITH ONE OR MORE COMPLICATIONS REPORTED, RESIDENTS: UTAH, 1981

RESIDENCE OF MOTHER	CONDITION			
	COMPLICATIONS RELATED TO PREGNANCY	COMPLICATIONS NOT RELATED TO PREGNANCY	CONGENITAL ANOMALIES	AT LEAST ONE CONDITION
TOTAL	6,807	2,212	934	8,630
DISTRICT 1	577	142	63	706
BOX ELDER	130	29	30	173
CACHE	428	111	32	513
RICH	19	2	1	20
DISTRICT 2N	1,371	400	136	1,698
DAVIS	749	162	69	878
MORGAN	6	5	2	11
WEBER	616	233	65	809
DISTRICT 2S	3,015	1,174	258	3,745
SALT LAKE	2,896	1,133	249	3,597
TOOELE	119	41	9	148
DISTRICT 3	1,182	278	254	1,539
SUMMIT	40	9	10	54
UTAH	1,112	260	237	1,445
WASATCH	30	9	7	40
DISTRICT 4	153	38	41	204
JUAB	22	8	1	26
MILLARD	44	17	23	71
PIUTE	3	1	2	5
SANPETE	53	6	9	64
SEVIER	26	6	4	31
WAYNE	5	--	2	7
DISTRICT 5	152	42	67	221
BEAVER	17	8	3	23
GARFIELD	11	2	2	13
IRON	63	6	8	72
KANE	13	8	12	23
WASHINGTON	48	18	42	90
DISTRICT 6	174	54	11	197
DAGGETT	5	1	--	5
DUCHESNE	77	22	5	89
UINTAH	92	31	6	103
DISTRICT 7	183	84	104	320
CARBON	54	32	49	115
EMERY	37	22	24	71
GRAND	25	12	8	40
SAN JUAN	67	18	23	94

TABLE A-24

LIVE BIRTHS BY FIVE-MINUTE APGAR SCORE AND BIRTH WEIGHT OF INFANT, RESIDENTS: UTAH, 1981

BIRTHS BY FIVE MINUTE APGAR SCORE	TOTAL LIVE BIRTHS	BIRTH WEIGHT IN GRAMS AND POUNDS									
		UNDER 1,000 (2 LBS. 3 OZ. OR LESS)	1,000-1,499 (2 LBS. 4 OZ.-3 LBS. 4 OZ.)	1,500-1,499 (3 LBS. 5 OZ.-4 LBS. 6 OZ.)	2,000-2,499 (4 LBS. 7 OZ.-5 LBS. 8 OZ.)	2,500-2,999 (5 LBS. 9 OZ.-6 LBS. 9 OZ.)	3,000-3,499 (6 LBS. 10 OZ.-7 LBS. 11 OZ.)	3,500-3,999 (7 LBS. 2 OZ.-8 LBS. 13 OZ.)	4,000-4,499 (8 LBS. 14 OZ.-9 LBS. 15 OZ.)	4,500 & OVER (10 LBS. & OVER)	NOT STATED
TOTAL	41,286	142	190	387	1,511	6,483	15,876	12,513	3,488	622	74
00	42	23	2	1	1	3	1	2	1	--	8
01	62	33	6	2	5	5	3	4	1	--	3
02	35	4	6	5	2	9	7	1	--	--	1
03	52	12	9	5	3	8	9	1	2	1	2
04	102	13	12	9	10	14	25	12	2	2	3
05	211	15	16	18	26	33	44	38	12	4	5
06	586	14	38	42	93	101	147	104	28	15	4
07	1,353	13	29	71	139	272	401	298	105	23	2
08	5,573	7	31	91	370	1,022	1,986	1,481	468	113	4
09	30,282	2	27	115	797	4,580	12,068	9,645	2,614	423	11
10	2,643	--	1	11	48	398	1,078	838	229	37	3
NOT STATED	345	6	13	17	17	38	107	89	26	4	28

TABLE A-25

LIVE BIRTHS BY DISTRICT AND COUNTY OF RESIDENCE BY AGE OF MOTHER
WITH MOTHER OF SPANISH ORIGIN, RESIDENTS: UTAH, 1981

RESIDENCE OF MOTHER	TOTAL LIVE BIRTHS	AGE OF MOTHER							
		UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45+
TOTAL	1,742	8	374	675	408	197	68	10	2
DISTRICT 1	64	--	14	27	11	8	3	1	--
BOX ELDER	42	--	11	19	8	1	2	1	--
CACHE	20	--	2	7	3	7	1	--	--
RICH	2	--	1	1	--	--	--	--	--
DISTRICT 2N	397	--	90	159	90	41	16	1	--
DAVIS	132	--	24	57	32	14	5	--	--
MORGAN	2	--	--	1	1	--	--	--	--
WEBER	263	--	66	101	57	27	11	1	--
DISTRICT 2S	920	7	199	342	225	106	34	5	2
SALT LAKE	845	6	179	320	207	95	33	3	2
TOOELE	75	1	20	22	18	11	1	2	--
DISTRICT 3	185	1	20	79	49	24	10	2	--
SUMMIT	5	--	2	2	--	1	--	--	--
UTAH	174	1	17	76	47	22	9	2	--
WASATCH	6	--	1	1	2	1	1	--	--
DISTRICT 4	19	--	5	11	2	--	1	--	--
JUAB	1	--	--	1	--	--	--	--	--
MILLARD	3	--	--	2	1	--	--	--	--
PIUTE	--	--	--	--	--	--	--	--	--
SANPETE	14	--	4	8	1	--	1	--	--
SEVIER	--	--	--	--	--	--	--	--	--
WAYNE	1	--	1	--	--	--	--	--	--
DISTRICT 5	30	--	7	8	10	5	--	--	--
BEAVER	2	--	--	--	2	--	--	--	--
GARFIELD	--	--	--	--	--	--	--	--	--
IRON	11	--	2	5	1	3	--	--	--
KANE	2	--	--	1	1	--	--	--	--
WASHINGTON	15	--	5	2	6	2	--	--	--
DISTRICT 6	40	--	11	18	5	3	3	--	--
DAGGETT	--	--	--	--	--	--	--	--	--
DUCHESNE	5	--	2	3	--	--	--	--	--
UINTAH	35	--	9	15	5	3	3	--	--
DISTRICT 7	87	--	28	31	16	10	1	1	--
CARBON	58	--	21	15	11	9	1	1	--
EMERY	5	--	--	3	2	--	--	--	--
GRAND	9	--	1	7	1	--	--	--	--
SAN JUAN	15	--	6	6	2	1	--	--	--

TABLE A-26

LIVE BIRTHS BY AGE OF MOTHER, RACE OF INFANT AND NUMBER OF PRENATAL VISITS WITH MOTHER OF SPANISH ORIGIN, RESIDENTS: UTAH, 1981

RACE OF INFANT AND AGE OF MOTHER	TOTAL LIVE BIRTHS	NUMBER OF PRENATAL VISITS							
		NONE	1-5	6-9	10-14	15-18	19-27	27+	NOT STATED
TOTAL	1,742	20	177	491	851	84	6	--	113
UNDER 15	8	1	3	3	--	--	--	--	1
15-19	374	2	56	105	171	11	2	--	27
20-24	675	11	72	190	316	39	1	--	46
25-29	408	3	25	113	223	20	2	--	22
30-34	197	1	16	60	95	11	1	--	13
35-39	68	2	3	17	39	3	--	--	4
40-44	10	--	2	3	5	--	--	--	--
NOT STATED	2	--	--	--	2	--	--	--	--
WHITE	1,653	19	167	467	815	74	5	--	106
UNDER 15	8	1	3	3	--	--	--	--	1
15-19	355	1	51	100	166	9	2	--	26
20-24	648	11	70	181	307	36	1	--	42
25-29	382	3	23	106	211	17	2	--	20
30-34	184	1	15	57	89	9	--	--	13
35-39	64	2	3	17	35	3	--	--	4
40-44	10	--	2	3	5	--	--	--	--
NOT STATED	2	--	--	--	2	--	--	--	--
BLACK	25	--	3	7	11	3	--	--	1
UNDER 15	--	--	--	--	--	--	--	--	--
15-19	6	--	2	1	2	1	--	--	--
20-24	8	--	1	3	2	1	--	--	1
25-29	7	--	--	2	4	1	--	--	--
30-34	3	--	--	1	2	--	--	--	--
35-39	1	--	--	--	1	--	--	--	--
40-44	--	--	--	--	--	--	--	--	--
INDIAN	35	1	5	9	13	4	--	--	3
UNDER 15	--	--	--	--	--	--	--	--	--
15-19	10	1	2	2	3	1	--	--	1
20-24	12	--	1	5	4	1	--	--	1
25-29	6	--	1	1	2	1	--	--	1
30-34	6	--	1	1	3	1	--	--	--
35-39	1	--	--	--	1	--	--	--	--
40-44	--	--	--	--	--	--	--	--	--
OTHER NONWHITE	27	--	2	7	12	2	1	--	3
UNDER 15	--	--	--	--	--	--	--	--	--
15-19	3	--	1	2	--	--	--	--	--
20-24	7	--	--	1	3	1	--	--	2
25-29	12	--	1	3	6	1	--	--	1
30-34	3	--	--	1	1	--	1	--	--
35-39	2	--	--	--	2	--	--	--	--
40-44	--	--	--	--	--	--	--	--	--

NOTE: TOTALS INCLUDE TWO MONTHS WITH RACE NOT STATED: THEIR AGES AND NUMBER OF PRENATAL VISITS ARE INCLUDED IN THE TOTALS.

TABLE A-27

LIVE BIRTHS BY RACE OF INFANT, AGE OF MOTHER, AND MONTH PRENATAL CARE BEGAN, WITH MOTHER OF SPANISH ORIGIN, RESIDENTS: UTAH, 1981

RACE OF INFANT AND AGE OF MOTHER	TOTAL LIVE BIRTHS	MONTH PRENATAL CARE BEGAN										
		NONE	MONTH 1	MONTH 2	MONTH 3	MONTH 4	MONTH 5	MONTH 6	MONTH 7	MONTH 8	MONTH 9	NOT STATED
TOTAL	1,742	20	140	515	457	220	101	79	56	29	9	116
UNDER 15	8	1	--	--	--	2	2	1	1	--	--	1
15-19	274	2	27	80	88	64	32	22	16	9	3	31
20-24	675	11	59	201	178	78	40	30	25	8	3	42
25-29	408	3	35	134	123	43	15	16	8	5	2	24
30-34	197	1	11	73	47	25	9	7	4	5	1	14
35-39	68	2	7	26	17	5	2	2	2	1	--	4
40-44	10	--	1	1	3	3	1	--	--	1	--	--
NOT STATED	2	--	--	--	1	--	--	1	--	--	--	--
WHITE	1,653	19	137	486	432	206	99	76	54	24	8	112
UNDER 15	8	1	--	--	--	2	2	1	1	--	--	1
15-19	355	1	27	76	85	59	32	20	15	7	3	30
20-24	648	11	58	189	170	75	39	30	25	7	3	41
25-29	382	3	34	127	115	40	14	15	7	3	2	22
30-34	184	1	10	69	43	22	9	7	4	5	--	14
35-39	64	2	7	24	15	5	2	2	2	1	--	4
40-44	10	--	1	1	3	3	1	--	--	1	--	--
NOT STATED	2	--	--	--	1	--	--	1	--	--	--	--
BLACK	25	--	--	6	11	4	--	1	1	2	--	--
UNDER 15	--	--	--	--	--	--	--	--	--	--	--	--
15-19	6	--	--	1	1	1	--	--	1	2	--	--
20-24	8	--	--	3	4	1	--	--	--	--	--	--
25-29	7	--	--	--	5	1	--	1	--	--	--	--
30-34	3	--	--	1	1	1	--	--	--	--	--	--
35-39	1	--	--	1	--	--	--	--	--	--	--	--
40-44	--	--	--	--	--	--	--	--	--	--	--	--
INDIAN	35	1	3	13	7	5	--	1	--	2	1	2
UNDER 15	--	--	--	--	--	--	--	--	--	--	--	--
15-19	10	1	--	3	2	2	--	1	--	--	--	1
20-24	12	--	1	7	2	1	--	--	--	1	--	--
25-29	6	--	1	2	1	--	--	--	--	1	--	1
30-34	6	--	1	1	1	2	--	--	--	--	1	--
35-39	1	--	--	--	1	--	--	--	--	--	--	--
40-44	--	--	--	--	--	--	--	--	--	--	--	--
OTHER NONWHITE	27	--	--	8	7	5	2	1	1	1	--	2
UNDER 15	--	--	--	--	--	--	--	--	--	--	--	--
15-19	3	--	--	--	--	2	--	1	--	--	--	--
20-24	7	--	--	2	2	1	1	--	--	--	--	1
25-29	12	--	--	4	2	2	1	--	1	1	--	1
30-34	3	--	--	1	2	--	--	--	--	--	--	--
35-39	2	--	--	1	1	--	--	--	--	--	--	--
40-44	--	--	--	--	--	--	--	--	--	--	--	--

NOTE: TOTALS INCLUDE TWO MOTHERS WITH RACE NOT STATED; THEIR AGES AND MONTH PRENATAL CARE BEGAN ARE INCLUDED IN THE TOTALS.

TABLE A-28

LIVE BIRTHS BY AGE AND MARITAL STATUS OF MOTHER AND RACE OF INFANT, WITH MOTHER OF SPANISH ORIGIN, RESIDENTS: UTAH, 1981

MARITAL STATUS OF MOTHER AND RACE OF INFANT	TOTAL LIVE BIRTHS	AGE OF MOTHER							
		UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45+
TOTAL	1,742	8	374	675	408	197	68	10	2
WHITE	1,653	8	355	648	382	184	64	10	2
BLACK	25	--	6	8	7	3	1	--	--
INDIAN	35	--	10	12	6	6	1	--	--
OTHER NONWHITE	27	--	3	7	12	3	2	--	--
NOT STATED	2	--	--	--	1	1	--	--	--
BIRTHS IN WEDLOCK	1,330	1	196	523	358	179	64	8	1
WHITE	1,265	1	189	502	336	168	60	8	1
BLACK	14	--	--	5	6	2	1	--	--
INDIAN	23	--	4	9	4	5	1	--	--
OTHER NONWHITE	26	--	3	7	11	3	2	--	--
NOT STATED	2	--	--	--	1	1	--	--	--
BIRTHS NOT IN WEDLOCK	412	7	178	152	50	18	4	2	1
WHITE	388	7	166	146	46	16	4	2	1
BLACK	11	--	6	3	1	1	--	--	--
INDIAN	12	--	6	3	2	1	--	--	--
OTHER NONWHITE	1	--	--	--	1	--	--	--	--
NOT STATED	--	--	--	--	--	--	--	--	--

TABLE A-29

LIVE BIRTHS BY AGE OF MOTHER, ONE OR MORE COMPLICATIONS REPORTED WITH MOTHER OF SPANISH ORIGIN, RESIDENTS: UTAH, 1981

AGE OF MOTHER	COMPLICATIONS RELATED TO PREGNANCY	COMPLICATIONS NOT RELATED TO PREGNANCY	CONGENITAL ANOMALY	AT LEAST ONE CONDITION
TOTAL	327	101	37	400
UNDER 15	2	--	1	3
15-19	61	17	4	68
20-24	125	40	12	154
25-29	71	23	13	93
30-34	46	12	7	57
35-39	19	6	--	20
40-44	2	1	--	3
45 AND OVER	1	2	--	2

TABLE A-30

LIVE BIRTHS AND DEATHS BY COMMUNITY OF OCCURRENCE AND RESIDENCE: UTAH, 1981

COUNTY AND CITY	BIRTHS		DEATHS	
	PLACE OF OCCURRENCE	PLACE OF RESIDENCE	PLACE OF OCCURENCE	PLACE OF RESIDENCE
TOTAL	42,384	41,286	8,640	8,263
TOTAL BEAVER	125	117	42	42
BEAVER CITY	82	47	17	22
MILFORD	43	38	18	9
MINERSVILLE	--	14	2	8
BALANCE OF COUNTY	--	18	5	3
TOTAL BOX ELDER	744	932	197	224
BRIGHAM CITY	594	367	129	114
TREMONTON	140	113	41	29
CORINNE	--	15	1	6
GARLAND	--	44	--	7
HONEYVILLE	--	23	--	2
PERRY	2	23	--	3
BEAR RIVER	--	18	2	7
WILLARD	1	34	4	10
BALANCE OF COUNTY	7	295	20	46
TOTAL CACHE	2,212	1,854	262	284
LOGAN	2,199	1,009	219	153
SMITHFIELD	1	160	5	25
LEWISTON	1	40	4	8
HYDE PARK	1	54	1	2
NEWTON	1	27	3	5
NORTH LOGAN	--	2	2	5
PROVIDENCE	--	67	--	5
RICHMOND	3	53	4	13
RIVER HEIGHTS	--	3	--	--
HYRUM	2	131	3	12
WELLSVILLE	1	56	2	9
CLARKSTON	1	13	3	10
MENDON	--	13	7	6
MILLVILLE	--	31	1	2
NIBLEY	--	9	--	2
PARADISE	--	17	--	2
BALANCE OF COUNTY	2	169	8	25
TOTAL CARBON	820	581	163	163
EAST CARBON	--	36	1	14
HELPER	--	62	7	35
PRICE	1	257	24	69
SUNNYSIDE	--	12	2	5
WELLINGTON	1	37	1	8
BALANCE OF COUNTY	818	177	128	32
TOTAL DAGGETT	--	26	1	7
MANILA	--	7	--	4
DUTCH JOHN	--	4	--	1
BALANCE OF COUNTY	--	15	1	2
TOTAL DAVIS	2,747	3,964	483	535
BOUNTIFUL	1,494	675	251	169
CENTERVILLE	1	247	7	27
CLEARFIELD	--	457	50	65
FARMINGTON	1	122	4	20
KAYSVILLE	30	294	10	34
LAYTON	788	740	106	78
NORTH SALT LAKE	2	177	3	14
SUNSET	--	138	4	21
SOUTH WEBER	--	43	2	3
CLINTON	2	251	2	17
SYRACUSE	--	120	5	16
WEST POINT	--	53	3	13
WOODS CROSS	3	121	2	8

TABLE A-30--Continued

LIVE BIRTHS AND DEATHS BY COMMUNITY OF OCCURRENCE AND RESIDENCE: UTAH, 1981

COUNTY AND CITY	BIRTHS		DEATHS	
	PLACE OF OCCURRENCE	PLACE OF RESIDENCE	PLACE OF OCCURENCE	PLACE OF RESIDENCE
DAVIS COUNTY (CONT.)				
FRUIT HEIGHTS	--	56	--	4
WEST BOUNTIFUL	--	123	4	9
BALANCE OF COUNTY	426	347	30	37
TOTAL DUCHESNE	503	412	93	81
ROOSEVELT	500	142	67	31
DUCHESNE CITY	1	62	5	10
MYTON	--	8	1	2
BALANCE OF COUNTY	2	200	20	38
TOTAL EMERY	4	380	34	73
GREEN RIVER	--	19	5	10
FERRON	--	64	14	15
CASTLE DALE	1	62	4	9
HUNTINGTON	2	89	2	12
ORANGEVILLE	--	55	2	10
CLEVELAND	--	19	--	8
BALANCE OF COUNTY	1	72	7	9
TOTAL GARFIELD	74	95	47	37
PANGUITCH	73	33	29	13
ESCALANTE	--	17	3	9
BALANCE OF COUNTY	1	45	15	15
TOTAL GRAND	239	224	52	49
MOAB	236	156	38	30
BALANCE OF COUNTY	3	68	14	19
TOTAL IRON	545	509	117	106
CEDAR CITY	539	317	95	68
PAROWAN	--	54	8	15
ENOCH	1	1	--	1
BALANCE OF COUNTY	5	137	14	22
TOTAL JUAB	49	148	30	38
NEPHI	47	87	22	25
EUREKA	--	12	1	4
MONA	--	14	1	2
BALANCE OF COUNTY	2	35	6	7
TOTAL KANE	91	86	25	27
KANAB	90	56	22	15
ORDERVILLE	--	11	--	2
BALANCE OF COUNTY	1	19	3	10
TOTAL MILLARD	250	301	63	78
DELTA	182	70	25	11
FILLMORE	66	63	18	16
HINCKLEY	--	17	3	4
KANOSH	--	9	--	3
BALANCE OF COUNTY	2	142	17	44
TOTAL MORGAN	1	106	11	29
MORGAN CITY	--	56	6	16
BALANCE OF COUNTY	1	50	5	13
TOTAL PIUTE	--	25	4	10
MARYSVALE	--	3	2	6
CIRCLEVILLE	--	7	--	2
BALANCE OF COUNTY	--	15	2	2
TOTAL RICH	4	78	6	8
RANDOLPH	--	29	--	5
WOODRUFF	--	12	--	1
BALANCE OF COUNTY	4	37	6	2

TABLE A-30--Continued

LIVE BIRTHS AND DEATHS BY COMMUNITY OF OCCURRENCE AND RESIDENCE: UTAH, 1981

COUNTY AND CITY	BIRTHS		DEATHS	
	PLACE OF OCCURRENCE	PLACE OF RESIDENCE	PLACE OF OCCURENCE	PLACE OF RESIDENCE
TOTAL SALT LAKE	17,714	16,415	4,225	3,638
KEARNS	11	708	10	72
MAGNA	9	546	17	72
MIDVALE	5	366	18	82
MURRAY	3,444	651	420	142
RIVERTON	5	257	3	26
SALT LAKE CITY	10,972	3,835	2,425	1,701
SANDY	19	1,636	34	111
SO. SALT LAKE	1	352	63	103
WEST JORDAN	15	907	23	83
COTTONWOOD	7	833	67	184
WEST VALLEY CITY	586	2,171	203	207
HOLLADAY	2	384	100	127
SOUTH JORDAN	1	215	5	21
WHITE CITY	3	198	3	16
EAST MILLCREEK	6	443	146	184
GRANITE PARK	4	153	9	41
MT. OLYMPUS	--	64	9	39
DRAPER	2	84	21	30
BLUFFDALE	10	32	3	6
BALANCE OF COUNTY	2,612	2,580	646	391
TOTAL SAN JUAN	344	370	60	53
BLANDING	4	118	6	15
MONTICELLO	254	70	26	8
MONUMENT VALLEY	83	2	8	--
BALANCE OF COUNTY	3	180	20	30
TOTAL SANPETE	368	364	104	128
EPHRAIM	1	53	2	14
MANTI	1	55	4	18
FOUNTAIN GREEN	1	19	3	6
GUNNISON	177	34	40	16
FAIRVIEW	--	17	--	9
MORONI	--	30	3	11
MT. PLEASANT	187	47	35	21
SPRING CITY	--	16	3	10
CENTERFIELD	--	15	--	3
BALANCE OF COUNTY	1	78	14	20
TOTAL SEVIER	424	424	103	126
RICHFIELD	421	144	85	53
AURORA	1	28	--	5
SALINA	--	57	5	16
ELSINORE	--	19	1	12
GLENWOOD	--	16	--	--
MONROE	--	45	4	15
REDMOND	--	26	1	7
ANNABELLA	--	16	3	2
BALANCE OF COUNTY	2	73	4	16
TOTAL SUMMIT	53	244	48	67
PARK CITY	3	51	5	16
HENEFER	--	9	2	5
KAMAS	--	29	5	10
COALVILLE	48	39	20	16
OAKLEY	--	12	1	3
BALANCE OF COUNTY	2	104	15	17
TOTAL TOOELE	269	669	105	138
GRANTSVILLE	--	123	5	19
TOOELE CITY	264	345	69	89
STOCKTON	--	9	--	1
DUGWAY	--	47	--	5

TABLE A-30--Continued

LIVE BIRTHS AND DEATHS BY COMMUNITY OF OCCURRENCE AND RESIDENCE: UTAH, 1981

COUNTY AND CITY	BIRTHS		DEATHS	
	PLACE OF OCCURRENCE	PLACE OF RESIDENCE	PLACE OF OCCURENCE	PLACE OF RESIDENCE
TOOELE COUNTY (CONT.)				
WENDOVER	3	36	5	7
BALANCE OF COUNTY	2	109	26	17
TOTAL UINTAH	538	745	74	129
VERNAL	534	215	59	45
FT. DUCHESNE	--	12	1	4
BALLARD	--	6	--	2
BALANCE OF COUNTY	4	512	14	78
TOTAL UTAH	7,752	7,505	953	907
AMERICAN FORK	656	431	96	74
LEHI	1	193	7	32
OREM	384	2,065	98	157
PAYSON	1,089	246	107	57
PLEASANT GROVE	5	339	22	50
PROVO	5,582	2,681	524	272
SPANISH FORK	8	320	25	60
SPRINGVILLE	10	436	27	76
ALPINE	2	60	2	7
GOSHEN	--	14	2	10
SALEM	4	65	4	11
SANTAQUIN	2	70	1	16
LINDON	1	80	4	13
MAPLETON	1	59	1	13
GLENOLA	--	15	--	--
CEDAR HILLS	--	13	2	1
HIGHLAND	1	77	--	1
CITY UNKNOWN	--	--	--	1
BALANCE OF COUNTY	6	341	31	56
TOTAL WASATCH	265	245	58	61
HEBER	263	148	50	31
MIDWAY	--	33	1	7
BALANCE OF COUNTY	2	64	7	23
TOTAL WASHINGTON	1,154	823	195	204
ST. GEORGE	993	343	167	101
COLORADO CITY	152	51	--	1
ENTERPRISE	--	38	--	4
HURRICANE	5	78	6	20
LAVERKIN	1	29	--	6
BLOOMINGTON	--	17	--	8
WASHINGTON CITY	--	113	5	18
SANTA CLARA	1	54	--	7
IVINS	--	18	1	2
BALANCE OF COUNTY	2	82	16	37
TOTAL WAYNE	--	48	--	14
LOA	--	13	--	4
BALANCE OF COUNTY	--	35	--	10
TOTAL WEBER	5,095	3,596	1,085	1,007
NORTH OGDEN	--	231	11	32
OGDEN	3,779	1,709	633	633
RIVERDALE	--	152	7	31
ROY	--	478	61	88
SOUTH OGDEN	--	224	10	61
WASHINGTON TERRACE	1,312	182	295	52
HARRISVILLE	--	41	--	5
HUNTSVILLE	1	25	3	2
PLANE CITY	--	62	2	7
PLEASANT VIEW	--	75	6	14
UINTAH CITY	1	8	--	3
BALANCE OF COUNTY	2	409	57	79

TABLE A-31

LIVE BIRTHS, PREMATURE LIVE BIRTHS, FETAL DEATHS AND SELECTED CAUSES OF INFANT MORTALITY BY INSTITUTIONS AND COUNTY OF OCCURRENCE: UTAH, 1981

COUNTY AND INSTITUTION	LIVE BIRTHS		FETAL DEATHS	SELECTED CAUSES								
	TOTAL	PREMATURE		TOTAL	NERVOUS SYSTEM 320-359	RESPIRATORY SYSTEM 465-507	DIGESTIVE SYSTEM 528-571	CONGENITAL ANOMALIES 740-759	RESPIRATORY DISTRESS SYNDROME 769	COMPLICATIONS OF PREGNANCY 760-779	SUDDEN DEATH CAUSE UNKNOWN 798	ALL OTHER CAUSES
TOTAL	42,617	2,423	346	463	9	8	4	121	37	169	78	37
BEAVER	125	2	--	--	--	--	--	--	--	--	--	--
BEAVER VALLEY HOSPITAL	82	1	--	--	--	--	--	--	--	--	--	--
MILFORD VALLEY HOSPITAL	42	1	--	--	--	--	--	--	--	--	--	--
NOT IN HOSPITAL	1	--	--	--	--	--	--	--	--	--	--	--
BOX ELDER	744	32	2	4	1	--	--	1	--	2	--	--
COOLEY MEMORIAL HOSPITAL	589	28	1	1	--	--	--	--	--	1	--	--
BEAR RIVER VALLEY HOSPITAL	139	2	1	2	--	--	--	1	--	1	--	--
NOT IN HOSPITAL	16	2	--	1	1	--	--	--	--	--	--	--
CACHE	2,212	101	14	15	--	2	--	--	--	10	1	2
LOGAN HOSPITAL	2,190	100	14	13	--	2	--	--	--	10	1	--
NOT IN HOSPITAL	22	1	--	2	--	--	--	--	--	--	--	2
CARBON	820	48	4	4	--	--	--	--	1	3	--	--
CASTLEVIEW HOSPITAL	817	48	4	4	--	--	--	--	1	3	--	--
NOT IN HOSPITAL	3	--	--	--	--	--	--	--	--	--	--	--
DAGGETT[1]	--	--	--	--	--	--	--	--	--	--	--	--
DAVIS	2,747	137	28	15	--	1	--	2	--	4	4	4
HILL AFB, USAF HOSPITAL	417	17	5	2	--	--	--	1	--	--	1	--
LAKEVIEW HOSPITAL	1,481	65	14	5	--	--	--	--	--	3	1	1
DAVIS NO. MEDICAL CENTER	779	51	9	1	--	--	--	--	--	1	--	--
NOT IN HOSPITAL	68	4	--	7	--	1	--	1	--	--	2	3
DUCHESNE	503	28	4	3	--	--	--	--	--	2	1	--
DUCHENSE COUNTY HOSPITAL	499	28	4	2	--	--	--	--	--	2	--	--
NOT IN HOSPITAL	4	--	--	1	--	--	--	--	--	--	1	--
EMERY	4	3	1	2	1	--	--	--	--	--	1	--
NOT IN HOSPITAL	4	3	1	2	1	--	--	--	--	--	1	--
GARFIELD	74	2	--	2	--	--	--	--	1	--	1	--
GARFIELD MEMORIAL	73	2	--	2	--	--	--	--	1	--	1	--
NOT IN HOSPITAL	1	--	--	--	--	--	--	--	--	--	--	--
GRAND	239	13	1	2	--	1	--	--	--	--	1	--
ALLEN MEMORIAL HOSPITAL	236	12	1	1	--	1	--	--	--	--	--	--
NOT IN HOSPITAL	3	1	--	1	--	--	--	--	--	--	1	--
IRON	545	27	4	7	1	--	--	--	--	4	1	1
VALLEY MEDICAL CENTER	535	25	4	7	1	--	--	--	--	4	1	1
NOT IN HOSPITAL	10	2	--	--	--	--	--	--	--	--	--	--
JUAB	49	2	1	--	--	--	--	--	--	--	--	--
JUAB COUNTY HOSPITAL	47	2	1	--	--	--	--	--	--	--	--	--
NOT IN HOSPITAL	2	--	--	--	--	--	--	--	--	--	--	--
KANE	91	6	2	--	--	--	--	--	--	--	--	--
KANE COUNTY HOSPITAL	89	5	2	--	--	--	--	--	--	--	--	--
NOT IN HOSPITAL	2	1	--	--	--	--	--	--	--	--	--	--
MILLARD	250	12	2	2	--	--	--	--	--	--	2	--
FILLMORE HOSPITAL	65	3	--	2	--	--	--	--	--	--	2	--
WEST MILLARD HOSPITAL	182	9	2	--	--	--	--	--	--	--	--	--
NOT IN HOSPITAL	3	--	--	--	--	--	--	--	--	--	--	--
MORGAN	1	--	--	--	--	--	--	--	--	--	--	--
NOT IN HOSPITAL	1	--	--	--	--	--	--	--	--	--	--	--
RICH	4	--	--	1	--	--	--	--	--	--	--	1
NOT IN HOSPITAL	4	--	--	1	--	--	--	--	--	--	--	1

TABLE A-31--Continued

LIVE BIRTHS, PREMATURE LIVE BIRTHS, FETAL DEATHS AND SELECTED CAUSES OF INFANT MORTALITY BY INSTITUTIONS AND COUNTY OF OCCURRENCE: UTAH, 1981

COUNTY AND INSTITUTION	LIVE BIRTHS		FETAL DEATHS	SELECTED CAUSES								
	TOTAL	PREMATURE		TOTAL	NERVOUS SYSTEM 320-359	RESPIRATORY SYSTEM 465-507	DIGESTIVE SYSTEM 528-571	CONGENITAL ANOMALIES 740-759	RESPIRATORY DISTRESS SYNDROME 769	COMPLICATIONS OF PREGNANCY 760-779	SUDDEN DEATH CAUSE UNKNOWN 798	ALL OTHER CAUSES
SALT LAKE	17,714	1,166	171	219	4	2	3	77	16	76	24	17
HOSPITAL NOT STATED	--	--	2	--	--	--	--	--	--	--	--	--
ALTA VIEW	--	--	--	1	--	--	--	--	--	--	--	1
COTTONWOOD HOSPITAL	3,424	154	27	8	--	--	--	2	--	3	2	1
HOLY CROSS HOSPITAL	3,406	140	27	4	--	--	--	2	--	2	--	--
L.D.S. HOSPITAL	5,881	280	58	15	--	--	--	4	1	10	--	--
PRIMARY CHILD'S. MED. CENTER	--	--	--	111	3	--	3	51	8	32	4	10
ST. MARKS HOSPITAL	2,563	120	14	4	--	1	--	--	--	2	1	--
UNIVERSITY MEDICAL CENTER	1,617	398	32	50	--	--	--	12	7	25	1	5
VALLEY WEST HOSPITAL	567	43	6	4	--	--	--	1	--	2	1	--
ST. BENEDICTS HOSPITAL	1	--	--	--	--	--	--	--	--	--	--	--
NOT IN HOSPITAL	255	31	5	22	1	1	--	5	--	--	15	--
SAN JUAN	344	23	3	5	--	--	--	1	1	--	1	2
MONUMENT VALLEY HOSPITAL	82	5	1	--	--	--	--	--	--	--	--	--
SAN JUAN CO. HOSPITAL	253	14	2	3	--	--	--	--	1	--	1	1
NOT IN HOSPITAL	9	4	--	2	--	--	--	1	--	--	--	1
SANPETE	368	17	7	3	--	--	--	1	--	1	1	--
GUNNISON VALLEY HOSPITAL	176	7	2	1	--	--	--	--	--	1	--	--
SANPETE VALLEY HOSPITAL	187	9	4	1	--	--	--	1	--	--	--	--
NOT IN HOSPITAL	5	1	1	1	--	--	--	--	--	--	1	--
SEVIER	424	26	3	3	--	--	--	1	--	--	1	1
SEVIER VALLEY HOSPITAL	420	26	3	3	--	--	--	1	--	--	1	1
NOT IN HOSPITAL	4	--	--	--	--	--	--	--	--	--	--	--
SUMMIT	53	2	--	3	--	--	--	--	--	--	3	--
SUMMIT COUNTY HOSPITAL	48	1	--	--	--	--	--	--	--	--	--	--
NOT IN HOSPITAL	5	1	--	3	--	--	--	--	--	--	3	--
TOOELE	269	20	1	6	--	--	--	--	--	--	5	1
TOOELE VALLEY HOSPITAL	262	18	1	5	--	--	--	--	--	--	4	1
NOT IN HOSPITAL	7	2	--	1	--	--	--	--	--	--	1	--
UINTAH	538	25	9	3	--	--	--	--	--	--	3	--
UINTAH COUNTY HOSPITAL	534	24	8	1	--	--	--	--	--	--	1	--
NOT IN HOSPITAL	4	1	1	2	--	--	--	--	--	--	2	--
UTAH COUNTY	7,752	348	42	83	--	1	--	17	15	34	14	4
OREM COMMUNITY HOSPITAL	362	11	--	--	--	--	--	--	--	--	--	--
AMERICAN FORK HOSPITAL	653	29	5	3	--	--	--	--	--	1	1	1
MOUNTAIN VIEW HOSPITAL	1,085	47	7	4	--	1	--	--	--	1	1	1
UTAH VALLEY HOSPITAL	5,534	256	29	69	--	--	--	15	13	32	7	2
NOT IN HOSPITAL	118	5	1	7	--	--	--	2	--	--	5	--
WASATCH	265	9	1	2	--	--	--	1	--	--	1	--
WASATCH COUNTY HOSPITAL	261	9	1	2	--	--	--	1	--	--	1	--
NOT IN HOSPITAL	4	--	--	--	--	--	--	--	--	--	--	--
WASHINGTON	1,154	41	11	6	--	--	--	2	--	2	2	--
DIXIE MEDICAL CENTER	990	35	7	5	--	--	--	2	--	2	1	--
NOT IN HOSPITAL	164	6	4	1	--	--	--	--	--	--	1	--
WEBER	5,095	317	35	60	--	--	--	14	5	29	10	2
MCKAY DEE HOSPITAL	3,755	252	30	50	--	--	--	14	5	26	3	2
ST BENEDICTS	1,309	62	5	5	--	--	--	--	--	3	2	--
NOT IN HOSPITAL	31	3	--	5	--	--	--	--	--	--	5	--
OUT OF STATE	233	16	--	13	2	1	1	4	--	2	1	2
HOSPITAL	228	16	--	12	2	1	1	4	--	2	--	2
NOT IN HOSPITAL	5	--	--	1	--	--	--	--	--	--	1	--

NOTE: PIUTE AND WAYNE COUNTIES DO NOT HAVE A HOSPITAL.

TABLE A-32

FETAL DEATHS BY AGE AND RESIDENCE OF WOMAN: UTAH, 1981

RESIDENCE OF MOTHER	TOTAL	AGE OF MOTHER							
		UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45+
TOTAL	316	--	36	99	90	59	21	6	2
DISTRICT 1	22	--	2	6	8	3	2	--	1
BOX ELDER	13	--	1	4	4	1	2	--	1
CACHE	9	--	1	2	4	2	--	--	--
RICH	--	--	--	--	--	--	--	--	--
DISTRICT 2N	60	--	5	24	17	9	3	2	--
DAVIS	32	--	3	11	8	6	3	1	--
MORGAN	2	--	--	--	2	--	--	--	--
WEBER	26	--	2	13	7	3	--	1	--
DISTRICT 2S	146	--	18	39	42	29	11	4	--
SALT LAKE	144	--	18	38	41	29	11	4	--
TOOELE	2	--	--	1	1	--	--	--	--
DISTRICT 3	43	--	7	15	8	10	3	--	--
SUMMIT	3	--	1	2	--	--	--	--	--
UTAH	39	--	5	13	8	10	3	--	--
WASATCH	1	--	1	--	--	--	--	--	--
DISTRICT 4	12	--	--	3	2	5	2	--	--
JUAB	--	--	--	--	--	--	--	--	--
MILLARD	2	--	--	1	--	1	--	--	--
PIUTE	1	--	--	--	--	1	--	--	--
SANPETE	6	--	--	--	2	3	1	--	--
SEVIER	3	--	--	2	--	--	1	--	--
WAYNE	--	--	--	--	--	--	--	--	--
DISTRICT 5	7	--	--	4	1	2	--	--	--
BEAVER	--	--	--	--	--	--	--	--	--
GARFIELD	--	--	--	--	--	--	--	--	--
IRON	3	--	--	1	--	2	--	--	--
KANE	--	--	--	--	--	--	--	--	--
WASHINGTON	4	--	--	3	1	--	--	--	--
DISTRICT 6	15	--	2	6	7	--	--	--	--
DAGGETT	--	--	--	--	--	--	--	--	--
DUCHESNE	2	--	--	1	1	--	--	--	--
UINTAH	13	--	2	5	6	--	--	--	--
DISTRICT 7	11	--	2	2	5	1	--	--	1
CARBON	3	--	1	--	1	1	--	--	--
EMERY	4	--	--	--	3	--	--	--	1
GRAND	1	--	--	1	--	--	--	--	--
SAN JUAN	3	--	1	1	1	--	--	--	--

NOTE: TOTALS INCLUDE THREE WOMEN WITH AGE NOT STATED, ALL RESIDENTS OF SALT LAKE COUNTY.

TABLE A-33

FETAL DEATHS BY SEX AND SELECTED CAUSE, RESIDENTS: UTAH, 1981

CAUSE OF FETAL DEATH, NINTH REVISION OF THE INTERNATIONAL CLASSIFICATION OF DISEASES		TOTAL	SEX OF FETUS		
			MALE	FEMALE	UNKNOWN
740-779.9	TOTAL FETAL DEATHS	316	167	142	7
740-759	CONGENITAL ANOMALIES	22	14	7	1
740	ANENCEPHALUS	2	1	1	--
742	OTHER CONGENITAL ANOMALIES OF NERVOUS SYSTEM	3	1	2	--
747	OTHER CONGENITAL ANOMALIES OF CIRCULATORY SYSTEM	1	--	1	--
750	OTHER CONGENITAL ANOMALIES OF UPPER ALIMENTARY TRACT	1	1	--	--
753	CONGENITAL ANOMALIES OF URINARY SYSTEM	1	1	--	--
756	OTHER CONGENITAL MUSCULOSKELETAL ANOMALIES	2	2	--	--
758	CHROMOSOMAL ANOMALIES	2	1	1	--
759	OTHER AND UNSPECIFIED CONGENITAL ANOMALIES	10	7	2	1
760-760.8	FETUS OR NEWBORN AFFECTED BY MATERNAL CONDITIONS WHICH MAY BE UNRELATED TO PRESENT PREGNANCY	27	16	11	--
760.0	MATERNAL HYPERTENSIVE DISORDERS	6	3	3	--
760.1	MATERNAL RENAL AND URINARY TRACT DISEASES	1	--	1	--
760.2	MATERNAL INFECTIONS	2	1	1	--
760.3	MATERNAL CIRCULATORY AND RESPIRATORY DISEASES	1	--	1	--
760.4	MATERNAL NUITRITIONAL DISORDERS	4	3	1	--
760.5	MATERNAL INJURY	6	4	2	--
760.7	NOXIOUS INFLUENCES TRANSMITTED VIA PLACENTA OR BREAST MILK	1	1	--	--
760.8	OTHER	4	3	1	--
760.9	UNSPECIFIED	2	1	1	--
761-761.8	FETUS OR NEWBORN AFFECTED BY MATERNAL COMPLICATIONS OF PREGNANCY	51	29	21	1
761.0	INCOMPETENT CERVIX	10	5	5	--
761.1	PREMATURE RUPTURE OF MEMBRANES	10	7	3	--
761.3	POLYHYDRAMNIOS	4	3	1	--
761.5	MULTIPLE PREGNANCY	21	10	11	--
761.7	MALPRESENTATION BEFORE LABOR	1	1	--	--
761.8	OTHER	4	2	1	1
761.9	UNSPECIFIED	1	1	--	--
762-762.6	FETUS OR NEWBORN AFFECTED BY COMPLICATIONS OF PLACENTA, CORD AND MEMBRANES	115	64	50	1
762.0	PLACENTA PRAEVIA	4	2	2	--
762.1	OTHER FORMS OF PLACENTAL SEPARATION AND HEMORRHAGE	29	19	9	1
762.2	OTHER AND UNSPECIFIED MORPHOLOGICAL AND FUNCTIONAL ABNORMALITIES OF PLACENTA	18	11	7	--
762.4	PROLAPSED CORD	5	2	3	--
762.5	OTHER COMPRESSION OF UMBILICAL CORD	41	21	20	--
762.6	OTHER AND UNSPECIFIED CONDITIONS OF UMBILICAL CORD	16	9	7	--
762.7	CHROIOAMNIONITIS	2	--	2	--
763	FETUS OR NEWBORN AFFECTED BY OTHER COMPLICATIONS LABOR AND DELIVERY	1	1	--	--
765	DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	7	2	4	1
767	BIRTH TRAUMA	1	--	1	--
773-774	HAEMOLYTIC DISEASE OF FETUS OR NEWBORN, DUE TO ISOIMMUNIZATION, AND OTHER PERINATAL JAUNDICE	1	1	--	--
779	OTHER AND ILL-DEFINED CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	61	30	29	2
	OTHER	30	10	19	1

TABLE A-34

INFANT MORTALITY FOR SELECTED CAUSES BY AGE, RACE AND SEX, RESIDENTS: UTAH, 1981

CAUSE OF DEATH, NINTH REVISION OF THE INTERNATIONAL CLASSIFICATION OF DISEASES	SEX	RACE			AGE				
		TOTAL	WHITE	NON-WHITE	28 DAYS 1 YEAR	TOTAL UNDER 28 DAYS	7-27 DAYS	1-6 DAYS	UNDER 1 DAY
TOTAL DEATHS, ALL CAUSES	T	403	379	24	163	240	45	62	133
	M	243	228	15	113	130	27	32	71
	F	160	151	9	50	110	18	30	62
NEOPLASMS (140-239)	M	--	--	--	--	--	--	--	--
	F	1	1	--	--	1	--	--	1
ENDOCRINE, NUTRITIONAL, AND METABOLIC DISEASES (240-279)	M	4	4	--	4	--	--	--	--
	F	--	--	--	--	--	--	--	--
MENTAL DISORDERS (290-319)	M	1	1	--	1	--	--	--	--
	F	--	--	--	--	--	--	--	--
DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS (320-389)	M	7	7	--	7	--	--	--	--
	F	1	1	--	--	1	1	--	--
DISEASES OF THE CIRCULATORY SYSTEM (390-459)	M	3	3	--	1	2	1	--	1
	F	--	--	--	--	--	--	--	--
DISEASES OF THE RESPIRATORY SYSTEM (460-519)	M	4	4	--	4	--	--	--	--
	F	4	4	--	4	--	--	--	--
DISEASES OF THE DIGESTIVE SYSTEM S(520-579)	M	2	1	1	2	--	--	--	--
	F	4	3	1	4	--	--	--	--
CONGENITAL ANOMALIES (740-759)	T	102	99	3	34	68	17	26	25
ANENCEPHALUS AND SIMILAR ANOMALIES (740)	M	3	2	1	--	3	--	--	3
	F	2	2	--	--	2	--	--	2
OTHER CONGENITAL ANOMALIES OF NERVOUS SYSTEM (742)	M	8	8	--	2	6	1	1	4
	F	6	6	--	3	3	--	3	--
BULBUS CORDIS ANOMALIES AND ANOMALIES OF CARDIAC SEPTIAL CLOSURE (745)	M	6	6	--	4	2	1	1	--
	F	2	2	--	2	--	--	--	--
OTHER CONGENITAL ANOMALIES OF HEART (746)	M	17	16	1	8	9	4	5	--
	F	6	6	--	4	2	1	1	--
OTHER CONGENITAL ANOMALIES OF CIRCULATORY SYSTEM (747)	M	3	3	--	1	2	--	2	--
	F	3	3	--	1	2	1	1	--
CONGENITAL ANOMALIES OF RESPIRATORY SYSTEM (748)	M	5	5	--	1	4	1	2	1
	F	4	4	--	--	4	1	2	1
OTHER CONGENITAL ANOMALIES OF DIGESTIVE SYSTEM (751)	M	2	2	--	2	--	--	--	--
	F	1	1	--	--	1	1	--	--
CONGENITAL ANOMALIES OF URINARY SYSTEM (753)	M	3	3	--	--	3	1	--	2
	F	2	2	--	1	1	1	--	--
OTHER CONGENITAL MUSCULOSKELETAL ANOMALIES (756)	M	4	4	--	2	2	--	1	1
	F	5	5	--	1	4	--	2	2
CHROMOSOMAL ANOMALIES (758)	M	6	5	1	1	5	1	3	1
	F	7	7	--	1	6	1	2	3
OTHER AND UNSPECIFIED CONGENITAL ANOMALIES (759)	M	3	3	--	--	3	1	--	2
	F	4	4	--	--	4	1	--	3
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	T	176	167	9	12	164	24	35	105
FETUS OR NEWBORN AFFECTED BY MATERNAL COMPLICATIONS OF PREGNANCY (761)	M	11	11	--	--	11	--	--	11
	F	10	9	1	--	10	--	--	10
FETUS OR NEWBORN AFFECTED BY COMPLICATIONS OF PLACENTA, CORD AND MEMBRANES (762)	M	9	9	--	--	9	1	--	8
	F	9	7	2	--	9	--	--	9
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT (765)	M	14	14	--	--	14	--	--	14
	F	17	16	1	--	17	1	--	16
BIRTH TRAUMA (767)	M	6	6	--	3	3	--	3	--
	F	1	1	--	--	1	--	1	--
INTRAUTERINE HYPOXIA AND BIRTH ASPHYXIA (768)	M	2	2	--	--	2	1	1	--
	F	7	7	--	--	7	1	3	3
RESPIRATORY DISTRESS SYNDROME (769)	M	19	18	1	1	18	5	5	8
	F	10	10	--	1	9	3	3	3
OTHER RESPIRATORY CONDITIONS OF FETUS AND NEWBORN (770)	M	11	11	--	3	8	--	1	7
	F	10	9	1	2	8	2	2	4
INFECTIONS SPECIFIC TO THE PERINATAL PERIOD (771)	M	6	5	1	--	6	2	1	3
	F	5	5	--	1	4	1	1	2
FETAL AND NEONATAL HEMORRHAGE (772)	M	8	8	--	--	8	4	3	1
	F	10	9	1	--	10	1	7	2
HAEMATOLOGICAL DISORDERS OF FETUS AND NEWBORN (776)	M	1	1	--	--	1	--	1	--
	F	--	--	--	--	--	--	--	--
IMMATURITY, UNQUALIFIED (777)	M	4	4	--	1	3	2	1	--
	F	--	--	--	--	--	--	--	--
OTHER CONDITIONS OF FETUS (778)	M	2	1	1	--	2	--	1	1
	F	--	--	--	--	--	--	--	--
OTHER AND ILL-DEFINED CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (779)	M	2	2	--	--	2	--	--	2
	F	2	2	--	--	2	--	1	1
SYMPTONS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	T	78	71	7	74	4	2	1	1
	M	58	52	6	56	2	1	--	1
	F	20	19	1	18	2	1	1	--
SUDDEN DEATH, CAUSE UNKNOWN (798)	M	57	52	5	55	2	1	--	1
	F	19	18	1	18	1	1	--	--
ACCIDENTS AND OTHER VIOLENT CAUSES (800-999)	M	9	7	2	9	--	--	--	--
	F	7	6	1	7	--	--	--	--

TABLE A-35

INFANT, NEONATAL, AND PERINATAL MORTALITY BY RESIDENCE OF MOTHER: UTAH, 1981

RESIDENCE OF MOTHER	INFANT MORTALITY: TOTAL DEATHS UNDER 1 YEAR OF AGE (EXCLUDING FETAL)	INFANT MORTALITY: 28 DAYS TO UNDER 1 YEAR	NEONATAL MORTALITY: 7-27 DAYS	PERINATAL MORTALITY: 1-6 DAYS	PERINATAL MORTALITY: 1-24 HOURS	PERINATAL MORTALITY: UNDER 1 HR.	PERINATAL MORTALITY: FETAL DEATHS
TOTAL	403	163	45	62	62	71	316
DISTRICT 1	30	11	2	3	6	8	22
BOX ELDER	5	2	1	--	2	--	13
CACHE	25	9	1	3	4	8	9
RICH	--	--	--	--	--	--	--
DISTRICT 2N	77	22	7	17	12	19	60
DAVIS	30	11	5	5	3	6	32
MORGAN	--	--	--	--	--	--	2
WEBER	47	11	2	12	9	13	26
DISTRICT 2S	142	69	17	14	18	24	146
SALT LAKE	135	65	16	14	18	22	144
TOOELE	7	4	1	--	--	2	2
DISTRICT 3	86	31	12	18	16	9	43
SUMMIT	4	3	--	--	1	--	3
UTAH	77	26	11	17	15	8	39
WASATCH	5	2	1	1	--	1	1
DISTRICT 4	10	4	1	2	1	2	12
JUAB	--	--	--	--	--	--	--
MILLARD	3	1	--	1	1	--	2
PIUTE	1	--	--	--	--	1	1
SANPETE	2	1	1	--	--	--	6
SEVIER	4	2	--	1	--	1	3
WAYNE	--	--	--	--	--	--	--
DISTRICT 5	17	8	2	--	3	4	7
BEAVER	--	--	--	--	--	--	--
GARFIELD	3	1	--	--	1	1	--
IRON	5	3	--	--	1	1	3
KANE	1	1	--	--	--	--	--
WASHINGTON	8	3	2	--	1	2	4
DISTRICT 6	10	6	--	1	1	2	15
DAGGETT	--	--	--	--	--	--	--
DUCHESNE	2	1	--	--	--	1	2
UINTAH	8	5	--	1	1	1	13
DISTRICT 7	31	12	4	7	5	3	11
CARBON	10	2	1	4	2	1	3
EMERY	10	4	1	1	3	1	4
GRAND	5	2	1	2	--	--	1
SAN JUAN	6	4	1	--	--	1	3

TABLE A-36

DEATHS BY MONTH OF OCCURRENCE AND RESIDENCE: UTAH, 1981

RESIDENCE OF DECEDENT	TOTAL DEATHS	MONTH OF OCCURRENCE											
		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
TOTAL	8,263	760	620	716	672	669	715	695	666	628	730	689	703
DISTRICT 1	516	58	42	32	46	50	38	44	37	43	42	40	44
BOX ELDER	224	23	21	14	22	15	21	21	14	22	20	14	17
CACHE	284	34	21	17	24	31	17	22	23	20	22	26	27
RICH	8	1	--	1	--	4	--	1	--	1	--	--	--
DISTRICT 2N	1,571	144	110	136	136	139	132	134	120	125	125	133	137
DAVIS	535	50	35	46	47	41	49	54	43	41	40	43	46
MORGAN	29	1	3	4	2	2	3	4	1	3	3	1	2
WEBER	1,007	93	72	86	87	96	80	76	76	81	82	89	89
DISTRICT 2S	3,776	351	288	334	274	296	339	313	311	291	362	303	314
SALT LAKE	3,638	342	276	325	261	285	326	298	297	281	352	293	302
TOOELE	138	9	12	9	13	11	13	15	14	10	10	10	12
DISTRICT 3	1,035	90	79	87	83	82	82	79	94	75	92	96	96
SUMMIT	67	6	2	5	6	9	9	5	8	6	7	3	1
UTAH COUNTY	907	81	75	78	76	68	65	71	77	66	77	82	91
WASATCH	61	3	2	4	1	5	8	3	9	3	8	11	4
DISTRICT 4	394	30	25	43	46	31	41	34	28	32	32	33	19
JUAB	38	3	4	3	4	6	4	5	--	1	4	4	--
MILLARD	78	6	7	11	6	3	6	8	7	5	4	8	7
PIUTE	10	--	1	--	1	4	1	--	--	1	1	1	--
SANPETE	128	14	6	19	12	8	9	13	10	10	12	9	6
SEVIER	126	7	7	9	21	7	20	7	10	13	11	8	6
WAYNE	14	--	--	1	2	3	1	1	1	2	--	3	--
DISTRICT 5	416	38	34	35	36	39	32	38	28	25	32	36	43
BEAVER	42	--	6	4	5	1	1	6	5	2	6	5	1
GARFIELD	37	4	1	2	5	1	2	5	4	--	6	3	4
IRON	106	11	7	8	9	11	11	11	6	6	6	10	10
KANE	27	3	2	4	2	4	--	2	1	2	--	2	5
WASHINGTON	204	20	18	17	15	22	18	14	12	15	14	16	23
DISTRICT 6	217	23	19	18	14	19	20	15	19	13	18	21	18
DAGGETT	7	1	--	1	1	1	1	--	--	1	--	--	1
DUCHESNE	81	12	4	7	6	6	5	7	10	3	6	9	6
UINTAH	129	10	15	10	7	12	14	8	9	9	12	12	11
DISTRICT 7	338	26	23	31	37	13	31	38	29	24	27	27	32
CARBON	163	7	10	18	20	7	15	17	12	13	15	15	14
EMERY	73	10	3	8	7	2	7	10	5	3	4	3	11
GRAND	49	4	2	1	9	1	2	7	6	5	5	1	6
SAN JUAN	53	5	8	4	1	3	7	4	6	3	3	8	1

TABLE A-37

DEATHS BY RACE, SEX AND RESIDENCE: UTAH, 1981

RESIDENCE OF DECEDENT	TOTAL DEATHS	RACE AND SEX											
		WHITE			BLACK			INDIAN			OTHER NONWHITE		
		TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
TOTAL	8,263	8,077	4,456	3,621	49	29	20	78	46	32	57	30	27
DISTRICT 1	516	510	265	245	1	--	1	2	1	1	3	2	1
BOX ELDER	224	219	115	104	--	--	--	2	1	1	3	2	1
CACHE	284	283	145	138	1	--	1	--	--	--	--	--	--
RICH	8	8	5	3	--	--	--	--	--	--	--	--	--
DISTRICT 2N	1,571	1,543	834	709	18	8	10	--	--	--	9	6	3
DAVIS	535	525	286	239	3	1	2	--	--	--	6	4	2
MORGAN	29	29	12	17	--	--	--	--	--	--	--	--	--
WEBER	1,007	989	536	453	15	7	8	--	--	--	3	2	1
DISTRICT 2S	3,776	3,696	2,029	1,667	25	17	8	17	11	6	37	17	20
SALT LAKE	3,638	3,563	1,949	1,614	23	15	8	14	9	5	37	17	20
TOOELE	138	133	80	53	2	2	--	3	2	1	--	--	--
DISTRICT 3	1,035	1,028	565	463	2	1	1	1	1	--	4	2	2
SUMMIT	67	65	36	29	2	1	1	--	--	--	--	--	--
UTAH	907	902	492	410	--	--	--	1	1	--	4	2	2
WASATCH	61	61	37	24	--	--	--	--	--	--	--	--	--
DISTRICT 4	394	391	222	169	--	--	--	1	1	--	2	1	1
JUAB	38	38	26	12	--	--	--	--	--	--	--	--	--
MILLARD	78	76	44	32	--	--	--	--	--	--	2	1	1
PIUTE	10	10	6	4	--	--	--	--	--	--	--	--	--
SANPETE	128	128	72	56	--	--	--	--	--	--	--	--	--
SEVIER	126	125	66	59	--	--	--	1	1	--	--	--	--
WAYNE	14	14	8	6	--	--	--	--	--	--	--	--	--
DISTRICT 5	416	411	241	170	3	3	--	1	--	1	1	1	--
BEAVER	42	42	27	15	--	--	--	--	--	--	--	--	--
GARFIELD	37	37	21	16	--	--	--	--	--	--	--	--	--
IRON	106	104	61	43	1	1	--	--	--	--	1	1	--
KANE	27	27	17	10	--	--	--	--	--	--	--	--	--
WASHINGTON	204	201	115	86	2	2	--	1	--	1	--	--	--
DISTRICT 6	217	191	120	71	--	--	--	26	12	14	--	--	--
DAGGETT	7	7	4	3	--	--	--	--	--	--	--	--	--
DUCHESNE	81	77	43	34	--	--	--	4	2	2	--	--	--
UINTAH	129	107	73	34	--	--	--	22	10	12	--	--	--
DISTRICT 7	338	307	180	127	--	--	--	30	20	10	1	1	--
CARBON	163	161	88	73	--	--	--	1	1	--	1	1	--
EMERY	73	72	45	27	--	--	--	1	1	--	--	--	--
GRAND	49	49	34	15	--	--	--	--	--	--	--	--	--
SAN JUAN	53	25	13	12	--	--	--	28	18	10	--	--	--

NOTE: TWO DECEDENTS WITH SEX AND RACE NOT STATED HAVE NOT BEEN DISTRIBUTED, HOWEVER, THEY HAVE BEEN ALLOCATED AS WHITE MALES AND INCLUDED IN THE TOTALS FOR THE STATE. ONE EACH WAS A RESIDENT OF DAVIS AND SALT LAKE COUNTIES.

TABLE A-38

DEATHS BY AGE, RACE AND SEX, RESIDENTS: UTAH, 1981

AGE OF DECEDENT	TOTAL DEATHS	RACE AND SEX							
		WHITE		BLACK		INDIAN		ALL OTHER	
		MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
ALL AGES	8,263	4,456	3,621	29	20	46	32	32	27
UNDER 1 YEAR	403	228	151	3	4	6	2	6	3
UNDER 1 MONTH	240	123	104	2	4	1	1	4	1
UNDER 1 WEEK	195	98	87	1	3	1	1	3	1
UNDER 1 DAY	133	66	58	1	3	1	1	3	--
UNDER 1 HOUR	71	37	29	--	3	1	1	--	--
1-4	85	44	35	--	1	1	1	2	1
5-9	38	25	12	--	--	--	1	--	--
10-14	38	29	9	--	--	--	--	--	--
15-19	123	85	35	--	--	2	1	--	--
20-24	167	122	37	--	--	6	2	--	--
25-29	137	97	30	1	2	5	2	--	--
30-34	144	89	51	--	--	2	1	--	1
35-39	128	83	37	1	1	3	--	1	2
40-44	145	81	53	1	--	6	3	1	--
45-49	188	113	68	2	--	1	2	1	1
50-54	302	191	103	5	--	--	--	2	1
55-59	463	291	162	2	1	1	2	3	1
60-64	586	361	212	4	3	2	--	3	1
65-69	791	483	291	3	1	3	6	1	3
70-74	1,013	594	410	2	1	1	2	2	1
75-79	1,013	532	462	3	2	2	2	4	6
80-84	1,027	478	536	1	2	2	--	4	4
85-89	828	327	493	--	1	3	3	--	1
90-94	477	155	317	--	1	--	1	2	1
95-99	143	42	100	1	--	--	--	--	--
OVER 100	22	4	17	--	--	--	1	--	--
NOT STATED	2	2	--	--	--	--	--	--	--

NOTE: TWO DECEDENTS WITH AGE, SEX AND RACE NOT STATED HAVE NOT BEEN DISTRIBUTED, HOWEVER, THEY HAVE BEEN ALLOCATED AS WHITE MALES AND ARE INCLUDED IN THE TOTALS. FOR INFANT DEATHS, THE TOTALS ARE CUMULATIVE FOR EACH TIME UNIT.

TABLE A-39

DEATHS BY AGE, SEX AND RESIDENCE: UTAH, 1981

RESIDENCE OF DECEDENT	TOTAL DEATHS	TOTAL		AGE AND SEX																	
		MALE	FEMALE	UNDER 1		1-4		5-9		10-14		15-19		20-24		25-29		30-34		35-39	
				M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL	8,263	4,563	3,700	243	160	47	38	25	13	29	9	87	36	128	39	103	34	91	53	88	40
DISTRICT 1	516	268	248	16	14	1	1	1	--	1	--	7	2	9	4	2	2	3	2	3	3
BOX ELDER	224	118	106	2	3	1	--	1	--	1	--	4	1	4	2	1	1	1	1	2	1
CACHE	284	145	139	14	11	--	1	--	--	--	--	2	1	4	2	1	1	2	1	1	2
RICH	8	5	3	--	--	--	--	--	--	--	--	1	--	1	--	--	--	--	--	--	--
DISTRICT 2N	1,571	849	722	43	34	7	6	5	3	5	1	16	5	18	6	17	6	21	16	12	9
DAVIS	535	292	243	17	13	4	4	2	2	--	--	4	2	9	4	5	3	7	5	6	5
MORGAN	29	12	17	--	--	--	--	--	--	1	--	--	--	--	--	1	1	--	--	--	--
WEBER	1,007	545	462	26	21	3	2	3	1	4	1	12	3	9	2	11	2	14	11	6	4
DISTRICT 2S	3,776	2,075	1,701	83	59	24	18	13	5	11	3	37	17	66	15	42	12	41	21	47	14
SALT LAKE	3638	1991	1647	77	58	23	18	13	5	9	3	33	16	62	14	40	12	39	21	44	13
TOOELE	138	84	54	6	1	1	--	--	--	2	--	4	1	4	1	2	--	2	--	3	1
DISTRICT 3	1,035	569	466	50	36	5	5	3	--	2	3	8	7	12	7	14	7	10	10	13	7
SUMMIT	67	37	30	1	3	--	--	--	--	--	--	1	1	1	--	1	2	1	--	1	--
UTAH	907	495	412	47	30	4	5	1	--	2	3	7	6	11	7	12	5	7	8	10	6
WASATCH	61	37	24	2	3	1	--	2	--	--	--	--	--	--	--	1	--	2	2	2	1
DISTRICT 4	394	224	170	9	1	4	2	--	2	4	--	3	2	6	2	5	--	2	1	1	2
JUAB	38	26	12	--	--	1	--	--	--	1	--	1	--	1	--	--	--	--	--	1	--
MILLARD	78	45	33	2	1	1	1	--	--	2	--	--	--	1	2	1	--	--	--	--	1
PIUTE	10	6	4	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SANPETE	128	72	56	2	--	1	--	--	--	--	--	1	--	1	--	4	--	2	1	--	--
SEVIER	126	67	59	4	--	1	1	--	1	--	--	1	2	3	--	--	--	--	--	--	--
WAYNE	14	8	6	--	--	--	--	--	1	1	--	--	--	--	--	--	--	--	--	--	1
DISTRICT 5	416	245	171	15	2	2	2	2	2	1	--	1	2	3	1	8	1	3	--	2	1
BEAVER	42	27	15	--	--	--	--	--	--	1	--	--	--	1	--	1	1	1	--	1	--
GARFIELD	37	21	16	3	--	--	1	1	--	--	--	--	--	--	--	2	--	--	--	--	--
IRON	106	63	43	5	--	1	--	--	1	--	--	--	--	2	--	2	--	1	--	--	--
KANE	27	17	10	1	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--
WASHINGTON	204	117	87	6	2	1	1	1	1	--	--	--	2	--	1	3	--	1	--	1	1
DISTRICT 6	217	132	85	8	2	2	--	--	--	2	1	6	1	5	3	8	1	4	1	5	2
DAGGETT	7	4	3	--	--	--	--	--	--	--	--	1	--	--	--	--	--	--	1	--	--
DUCHESNE	81	45	36	1	1	1	--	--	--	1	--	2	--	1	2	--	1	1	--	2	--
UINTAH	129	83	46	7	1	1	--	--	--	1	1	3	1	4	1	8	--	3	--	3	2
DISTRICT 7	338	201	137	19	12	2	4	1	1	3	1	9	--	9	1	7	5	7	2	5	2
CARBON	163	90	73	4	6	1	1	1	--	2	--	5	--	5	--	4	2	4	2	--	--
EMERY	73	46	27	6	4	--	1	--	--	--	--	2	--	1	1	1	--	2	--	1	1
GRAND	49	34	15	4	1	--	1	--	--	1	--	--	--	1	--	1	--	--	--	2	1
SAN JUAN	53	31	22	5	1	1	1	--	1	--	1	2	--	2	--	1	3	1	--	2	--

TABLE A-39--Continued

DEATHS BY AGE, SEX AND RESIDENCE: UTAH, 1981

RESIDENCE OF DECEDENT	AGE AND SEX																			
	40-44		45-49		50-54		55-59		60-64		65-69		70-74		75-79		80-84		85+	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL	89	56	117	71	198	104	297	166	370	216	490	301	599	414	541	472	485	542	534	936
DISTRICT 1	3	2	6	3	11	4	8	7	16	8	27	18	41	21	33	38	40	40	39	79
BOX ELDER	3	1	3	2	5	2	6	5	8	3	12	7	11	10	15	18	17	17	20	32
CACHE	--	1	3	1	6	2	2	2	8	5	14	11	30	10	17	20	22	22	19	46
RICH	--	--	--	--	--	--	--	--	--	--	1	--	--	1	1	--	1	1	--	1
DISTRICT 2N	16	8	20	12	39	22	63	39	87	48	91	66	100	82	95	85	74	96	120	178
DAVIS	8	2	8	4	16	13	28	12	31	9	31	22	24	23	33	27	19	37	40	56
MORGAN	1	--	--	--	1	--	--	--	--	2	3	3	1	1	1	2	1	1	2	7
WEBER	7	6	12	8	22	9	35	27	56	37	57	41	75	58	61	56	54	58	78	115
DISTRICT 2S	47	29	51	39	94	56	144	77	183	106	226	136	287	189	250	218	209	262	219	425
SALT LAKE	45	27	47	37	93	55	135	75	169	102	221	133	277	180	244	209	203	256	216	413
TOOELE	2	2	4	2	1	1	9	2	14	4	5	3	10	9	6	9	6	6	3	12
DISTRICT 3	10	8	20	8	26	13	37	15	36	22	50	30	66	54	74	64	68	58	65	112
SUMMIT	1	1	2	--	3	2	4	--	1	1	--	2	4	4	4	4	9	2	3	8
UTAH	9	6	17	7	22	9	30	15	33	21	47	26	61	47	61	58	55	55	59	98
WASATCH	--	1	1	1	1	2	3	--	2	--	3	2	1	3	9	2	4	1	3	6
DISTRICT 4	3	--	1	3	5	2	15	2	14	10	24	13	32	23	31	19	33	32	32	54
JUAB	--	--	--	3	--	--	2	--	1	--	5	1	3	4	3	1	3	1	4	2
MILLARD	--	--	--	--	2	1	3	--	3	2	6	4	4	5	9	4	6	3	5	9
PIUTE	--	--	--	--	--	--	--	--	--	1	--	--	1	1	--	--	4	2	--	--
SANPETE	1	--	1	--	2	--	5	1	3	2	6	2	14	7	9	7	10	13	10	23
SEVIER	2	--	--	--	1	1	4	1	6	5	6	6	9	6	8	7	10	10	12	19
WAYNE	--	--	--	--	--	--	1	--	1	--	1	--	1	--	2	--	--	3	1	1
DISTRICT 5	4	2	6	2	9	2	13	16	14	10	30	21	31	19	37	19	34	25	30	44
BEAVER	--	--	--	--	3	1	1	--	3	--	1	2	3	2	5	4	3	3	3	2
GARFIELD	--	--	--	--	--	--	3	1	1	--	5	2	3	6	--	3	2	1	1	2
IRON	2	--	2	--	3	--	5	8	5	1	8	6	5	1	7	3	4	11	11	12
KANE	--	--	--	--	1	--	1	--	--	--	4	--	1	1	2	3	4	2	2	4
WASHINGTON	2	2	4	2	2	1	3	7	5	9	12	11	19	9	23	6	21	8	13	24
DISTRICT 6	2	6	6	1	6	1	6	4	8	4	19	8	13	11	7	11	12	13	13	15
DAGGETT	--	1	1	--	1	--	1	--	--	--	--	--	--	--	--	1	--	--	--	--
DUCHESNE	--	2	2	1	1	1	3	1	4	2	10	2	3	6	4	4	6	7	3	6
UINTAH	2	3	3	--	4	--	2	3	4	2	9	6	10	5	3	6	6	6	10	9
DISTRICT 7	4	1	7	3	8	4	11	6	12	8	23	9	29	15	14	18	15	16	16	29
CARBON	2	1	1	2	4	3	5	2	5	8	13	5	13	7	5	11	9	11	7	12
EMERY	1	--	1	--	2	--	2	2	6	--	4	--	7	4	6	2	1	3	3	9
GRAND	--	--	3	--	2	1	3	1	1	--	4	3	6	2	1	3	2	2	3	--
SAN JUAN	1	--	2	1	--	--	1	1	--	--	2	1	3	2	2	2	3	--	3	8

NOTE: TOTALS INCLUDE TWO DEATHS WITH AGE "NOT STATED," ONE EACH WERE RESIDENTS OF BOX ELDER AND SALT LAKE COUNTIES.

TABLE A-40

DEATHS BY SELECTED CAUSES AND COUNTY OF RESIDENCE: UTAH, 1981

CAUSE OF DEATH NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASE	COUNTY OF RESIDENCE																												
	TOTAL	BEAVER	BOX ELDER	CACHE	CARBON	DAGGETT	DAVIS	DUCHESNE	EMERY	GARFIELD	GRAND	IRON	JUAB	KANE	MILLARD	MORGAN	PIUTE	RICH	SALT LAKE	SAN JUAN	SANPETE	SEVIER	SUMMIT	TOOELE	UINTAH	UTAH	WASATCH	WASHINGTON	WAYNE	WEBER
ALL CAUSES	8,263	42	224	284	163	7	535	81	73	37	49	106	38	27	78	29	10	8	3,638	53	128	126	67	138	129	907	61	204	14	1,007
INFECTIOUS AND PARASITIC DISEASES (001-139)	54	3	2	1	1	--	3	--	1	--	--	--	--	--	--	2	--	--	24	--	--	--	1	1	--	2	--	2	--	11
TUBERCULOSIS (010-018)	3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	1	--	1
REMAINDER OF 001-139	51	3	2	1	1	--	3	--	1	--	--	--	--	--	--	2	--	--	23	--	--	--	1	1	--	2	--	1	--	10
MALIGNANT NEOPLASMS (140-208)	1,424	7	41	47	23	1	74	8	12	5	13	16	5	4	9	6	--	--	674	6	19	23	10	24	14	152	10	44	--	177
MALIGNANT NEOPLASMS OF LIP, ORAL CAVITY AND PHARYNX (140-149)	24	--	--	--	--	--	2	1	--	--	--	--	--	--	--	1	--	--	13	--	1	--	--	2	1	--	--	1	--	2
MALIGNANT NEOPLSMS OF DIGESTIVE ORGANS AND PERITONEUM (150-159)	357	2	9	16	9	--	18	3	2	1	1	5	2	1	--	1	--	--	182	2	5	4	1	4	2	33	1	11	--	42
MALIGNANT NEOPLASM OF RESPIRATORY AND INTRA-THORACIC ORGANS (160-165)	242	1	9	4	1	--	15	--	5	--	6	4	--	--	3	--	--	--	106	3	2	3	2	7	3	22	3	8	--	35
MALIGNANT NEOPLASMS OF ALL OTHER AND UN-SPECIFIED SITES (170-173, 190-199)	225	--	3	9	4	--	15	1	--	2	2	1	1	--	2	1	--	--	101	1	3	2	3	4	2	26	4	13	--	25
MALIGNANT NEOPLASM OF BREAST (174-175)	158	1	3	6	4	1	7	1	1	--	1	4	--	--	--	1	--	--	74	--	2	1	--	2	1	23	1	3	--	21
MALIGNANT NEOPLASM OF GENITOURINARY ORGANS (179-187)	195	2	8	6	1	--	9	1	1	1	1	1	1	2	3	1	--	--	89	--	3	6	3	1	2	21	--	3	--	29
MALIGNANT NEOPLASM OF BLADDER AND KIDNEY (188-189)	52	--	3	2	1	--	--	--	2	--	1	--	--	--	--	--	--	--	31	--	1	--	--	1	1	3	--	1	--	5
MALIGNANT NEOPLASM OF LYMPHATIC AND HAEMATO-POIETIC TISSUE (EXCLUDING LEUKEMIA) (200-203)	91	1	5	2	2	--	4	1	--	1	--	1	1	1	--	1	--	--	47	--	1	1	1	--	1	8	1	2	--	9
LEUKEMIA (204-208)	80	--	1	2	1	--	4	--	1	--	1	--	--	--	1	--	--	--	31	--	1	6	--	3	1	16	--	2	--	9
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASMS OF UNCERTAIN AND UNSPECIFIED BEHAVIOR (210-239)	28	--	--	2	--	--	7	--	--	--	--	--	--	--	--	--	--	--	13	--	--	--	--	--	--	1	--	3	--	2
DIABETES MELLITUS (250)	159	--	5	7	1	--	8	2	3	1	1	1	1	--	--	2	--	--	74	1	1	5	1	4	3	20	1	3	1	13
ANAEMIA (280-285)	14	--	1	2	--	--	1	--	2	--	--	--	--	--	--	--	--	--	4	1	--	--	--	--	--	3	--	--	--	--
MENINGITIS (320-322)	17	--	--	--	--	--	1	1	--	--	--	1	--	--	--	--	--	--	14	--	--	--	--	--	--	--	--	--	--	--
MAJOR CARDIOVASCULAR DISEASES (390-448)	3,779	19	99	128	61	3	258	37	22	19	17	63	20	12	37	12	8	5	1,682	14	62	60	26	47	37	428	23	82	9	489
RHEUMATIC FEVER (390-398)	76	1	1	4	--	--	2	1	--	--	--	1	1	--	--	--	--	--	40	--	--	--	--	1	1	4	1	2	--	16
ESSENTIAL HYPERTENSION AND HYPERTENSIVE RENAL DISEASE (401, 403)	21	--	--	2	--	--	--	--	--	--	1	--	--	--	--	--	--	--	14	--	--	--	--	1	--	2	--	--	--	1
HYPERTENSIVE HEART DISEASE WITH AND WITHOUT RENAL DISEASE (402, 404)	88	--	1	2	3	--	4	--	--	--	--	1	1	--	1	--	1	--	50	--	--	1	--	1	1	15	--	1	1	4
ISCHAEMIC HEART DISEASE (410-414)	1,928	11	46	60	35	2	145	14	8	7	7	27	9	7	14	5	5	4	836	9	36	22	14	25	19	221	11	47	6	276
ALL OTHER FORMS OF HEART DISEASE (415-423, 425-429)	815	4	21	19	11	--	47	18	9	8	3	17	4	1	8	1	1	1	387	--	15	20	5	7	14	93	8	11	1	81
OTHER DISEASES OF ENDOCARDIUM (424)	33	--	--	1	--	--	4	--	1	--	1	3	--	--	--	--	--	--	10	--	--	--	--	1	--	5	--	1	--	6
CEREBROVASCULAR DISEASE (430-438)	631	2	21	37	11	--	46	3	3	4	2	11	2	4	11	6	1	--	266	4	8	14	4	10	2	70	3	16	1	69
ATHEROSCLEROSIS (440)	89	--	4	1	1	--	3	1	--	--	2	2	2	--	--	--	--	--	48	--	1	1	2	1	--	8	--	2	--	10
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES (441-448)	98	1	5	2	--	1	7	--	1	--	1	1	1	--	3	--	--	--	31	1	2	2	1	--	--	10	--	2	--	26

TABLE A-40--Continued

DEATHS BY SELECTED CAUSES AND COUNTY OF RESIDENCE: UTAH, 1981

CAUSE OF DEATH NINTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASE	COUNTY OF RESIDENCE																														
	TOTAL	BEAVER	BOX ELDER	CACHE	CARBON	DAGGETT	DAVIS	DUCHESNE	EMERY	GARFIELD	GRAND	IRON	JUAB	KANE	MILLARD	MORGAN	PIUTE	RICH	SALT LAKE	SAN JUAN	SANPETE	SEVIER	SUMMIT	TOOELE	UINTAH	UTAH	WASATCH	WASHINGTON	WAYNE	WEBER
ACUTE BRONCHITIS AND BRONCHIOLITIS (466)	3	--	--	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	1	--	--
PNEUMONIA AND INFLUENZA (480-487)	211	--	13	12	3	--	18	3	3	--	2	2	--	2	5	--	--	--	75	4	4	3	1	8	5	24	--	4	2	18
PNEUMONIA (480-486)	197	--	13	8	3	--	16	3	3	--	2	2	--	2	5	--	--	--	70	4	4	3	1	7	5	22	--	4	2	18
INFLUENZA (487)	14	--	--	4	--	--	2	--	--	--	--	--	--	--	--	--	--	--	5	--	--	--	--	1	--	2	--	--	--	--
BRONCHITIS, EMPHYSEMA, AND ASTHMA (490-493)	96	--	1	1	5	--	6	2	--	--	1	1	--	--	1	1	--	--	45	--	1	--	--	3	--	10	1	6	--	11
BRONCHITIS (490-491)	16	--	--	1	1	--	--	--	--	--	--	--	--	--	--	--	--	--	8	--	--	--	--	1	--	2	--	--	--	3
EMPHYSEMA (492)	54	--	--	--	3	--	4	2	--	--	1	1	--	--	1	1	--	--	23	--	1	--	--	2	--	5	1	5	--	4
ASTHMA (493)	26	--	1	--	1	--	2	--	--	--	--	--	--	--	--	--	--	--	14	--	--	--	--	--	--	3	--	1	--	4
ULCER OF STOMACH AND DUODENUM (531-533)	26	--	--	1	--	--	2	--	--	--	--	--	--	--	--	1	--	--	12	--	--	--	1	--	1	4	--	--	--	4
HERNIA OF ABDOMINAL CAVITY AND INTESTINAL OBSTRUCTION WITHOUT MENTION OF HERNIA (550-553, 560)	25	--	1	--	1	--	4	--	--	1	--	--	2	--	2	--	--	--	6	--	--	--	--	--	--	4	--	--	--	4
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	104	2	1	1	5	1	9	2	2	--	1	--	--	--	1	1	--	--	46	1	--	1	1	3	1	9	--	3	--	13
CHOLELITHIASIS AND OTHER DISORDER OF GALL-BLADDER (574-575)	13	--	1	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	6	--	--	--	--	2	--	1	--	--	--	2
NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS (580-589)	77	1	3	1	--	--	3	--	--	1	--	--	--	1	--	--	--	--	32	1	2	2	4	3	9	4	1	1	--	8
INFECTIONS OF KIDNEY (590)	4	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2	--	--	--	--	--	--	--	--	--	--	1
HYPERPLASIA OF PROSTATE (600)	3	--	--	1	--	--	--	--	--	--	--	--	--	--	--	1	--	--	1	--	--	--	--	--	--	--	--	--	--	--
CONGENITAL ANOMALIES (740-759)	139	--	1	5	2	--	12	--	2	--	1	--	--	--	1	--	1	--	56	3	2	2	1	--	--	27	2	2	--	19
CERTAIN CONDITIONS ORIGINATING IN THE PERI-NATAL PERIOD (760-779)	177	--	3	15	8	--	10	1	5	2	2	3	--	1	1	--	--	--	53	1	--	2	1	2	3	35	3	4	--	22
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	154	1	--	7	2	--	6	2	1	2	2	2	1	--	3	--	--	--	53	3	7	3	3	4	3	23	2	7	--	17
ACCIDENTS (E800-E949)	630	1	29	19	24	1	43	10	12	2	3	8	5	1	9	1	1	2	246	9	8	9	8	16	27	45	9	12	1	69
MOTOR VEHICLE ACCIDENTS (E810-E825)	343	1	14	13	13	--	24	7	9	1	3	5	3	--	6	--	--	2	127	3	4	5	3	5	19	22	3	9	1	41
ALL OTHER ACCIDENTS	287	--	15	6	11	1	19	3	3	1	--	3	2	1	3	1	1	--	119	6	4	4	5	11	8	23	6	3	--	28
SUICIDE AND SELF-INFLICTED INJURY (E950-E959)	196	1	2	9	3	1	17	1	1	--	--	2	--	2	3	--	--	--	92	2	1	--	1	6	4	20	--	6	--	22
HOMICIDE AND DEATH BY LEGAL INTERVENTION (E960-E978)	59	1	1	1	2	--	3	2	1	--	--	--	--	--	--	1	--	--	31	3	1	--	--	--	3	5	--	--	--	4
INJURY UNDETERMINED WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED AND INJURY RESULTING FROM OPERATIONS OF WAR (E980-E999)	44	--	--	--	2	--	4	--	--	1	1	--	1	--	--	--	--	--	20	--	1	1	1	--	--	5	--	--	--	7
ALL OTHER CAUSES	827	6	19	24	20	--	45	10	6	3	4	7	3	4	5	2	--	1	376	4	19	15	7	15	19	85	9	24	1	94

TABLE A-41

DEATHS BY SELECTED CAUSES AND AGE, RESIDENTS: UTAH, 1981

ICD CODE 9TH REVISION	CAUSE OF DEATH	ALL AGES		UNDER 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 & OVER
		NUMBER	RATE										
	ALL CAUSES	8,263	543.6	403	85	76	290	281	273	490	1,049	1,804	3,510
010-136	ALL INFECTIONS AND PARASITIC DISEASES	54	3.6	—	1	1	1	5	—	3	6	11	26
140-208	MALIGNANT NEOPLASMS	1,424	93.7	—	6	9	16	33	59	130	282	441	448
140-149	MALIGNANT NEOPLASMS OF LIP, ORAL CAVITY, AND PHARYNX	24	1.6	—	—	—	—	1	1	2	5	10	5
150-159	MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS AND PERITONEUM	357	23.5	—	—	—	—	2	11	28	73	110	133
160-165	MALIGNANT NEOPLASMS OF RESPIRATORY AND INTRATHORACIC ORGANS	242	15.9	—	—	—	—	1	3	29	55	104	50
174-175	MALIGNANT NEOPLASMS OF BREAST	158	10.4	—	—	—	—	9	11	24	39	41	34
179-187	MALIGNANT NEOPLASMS OF GENITAL ORGANS	195	12.8	—	—	—	—	5	3	8	30	57	92
188-189	MALIGNANT NEOPLASMS OF URINARY ORGANS	52	3.4	—	1	2	—	—	2	2	8	19	18
170-173, 190-199	MALIGNANT NEOPLASMS OF ALL OTHER UNSPECIFIED SITES	225	14.8	—	2	3	10	6	18	25	43	56	62
200-203	OTHER MALIGNANT NEOPLASMS OF LYMPHATIC AND HAEMATOPOIETIC TISSUES	91	6.0	—	—	1	4	6	2	10	20	24	24
204-208	LEUKEMIA	80	5.3	—	3	3	2	3	8	2	9	20	30
210-239	BENIGN NEOPLASMS AND NEOPLASMS OF UNSPECIFIED NATURE	28	1.8	1	1	1	—	1	1	2	6	4	11
250	DIABETES MELLITIS	159	10.5	1	—	1	4	8	6	6	19	33	81
280-285	ANAEMIAS	14	0.9	—	—	1	—	—	—	—	2	4	7
320-322	MENINGITIS	17	1.1	6	6	—	1	—	—	—	1	1	2
390-448	MAJOR CARDIOVASCULAR DISEASES	3,779	248.6	3	3	2	7	20	50	162	476	904	2,152
390-398	RHEUMATIC FEVER AND RHEUMATIC HEART DISEASE	76	5.0	—	—	—	—	2	1	4	12	33	24
401,403	HYPERTENSION WITH OR WITHOUT RENAL DISEASE	21	1.4	—	—	—	—	—	—	1	2	7	11
402,404	HYPERTENSIVE HEART DISEASE AND HYPERTENSIVE HEART AND RENAL DISEASE	88	5.8	—	—	—	—	—	4	5	9	12	58
410-414	ISCHAEMIC HEART DISEASE	1,928	126.8	—	—	—	—	7	24	94	270	506	1,027
424	OTHER DISEASES OF ENDOCARDIUM	33	2.2	—	—	—	—	—	—	—	4	13	16
415-423, 425-429	OTHER FORMS OF HEART DISEASE	815	53.6	2	2	1	5	3	15	37	123	168	459
430-438	CEREBROVASCULAR DISEASES	631	41.5	—	1	1	1	6	4	18	43	120	437
440	ATHEROSCLEROSIS	89	5.9	—	—	—	—	—	—	1	1	12	75
441-448	OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	98	6.4	1	—	—	1	2	2	2	12	33	45
480-487	PENUMONIA AND INFLUENZA	211	13.9	6	3	2	—	1	3	6	9	30	151
480-486	PNEUMONIA	197	13.0	6	2	2	—	1	3	6	9	28	140
487	INFLUENZA	14	0.9	—	1	—	—	—	—	—	—	2	11
490-493	CHRONIC OBSTRUCTIVE PULMONARY DISEASES AND ALLIED CONDITIONS	96	6.3	1	—	2	4	—	—	3	10	44	32
490-491	BRONCHITIS, CHRONIC AND UNSPECIFIED	16	1.1	1	—	1	—	—	—	—	1	9	4
492	EMPHYSEMA	54	3.6	—	—	—	—	—	—	3	6	26	19
493	ASTHMA	26	1.7	—	—	1	4	—	—	—	3	9	9
531-533	ULCER OF STOMACH AND DUODENUM	26	1.7	—	—	1	1	—	1	—	3	6	14
550-560	HERNIA OF ABDOMINAL CAVITY AND INTESTINAL OBSTRUCTION WITHOUT MENTION OF HERNIA	25	1.6	—	1	—	—	—	—	—	1	7	16
571	CHRONIC LIVER DISEASE AND CIRRHOSIS	104	6.8	1	—	—	1	4	14	21	36	21	6
574-575	CHOLELITHIASIS AND OTHER DISORDERS OF GALLBLADDER	13	0.8	—	—	—	—	—	—	1	1	3	8
580-589	NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	77	5.1	—	—	—	—	—	2	5	7	23	40
740-759	CONGENITAL ANOMALIES	139	9.1	102	16	6	5	5	—	2	—	2	1
760-779	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	177	11.6	176	1	—	—	—	—	—	—	—	—
780-799	SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	154	10.1	78	1	—	6	3	4	4	4	10	44
E800-E949	ACCIDENTS AND ADVERSE EFFECTS	630	41.4	11	27	40	161	108	54	56	53	40	79
E810-E825	MOTOR VEHICLE ACCIDENTS	343	22.6	4	12	16	121	70	32	27	23	18	19
E826-E949	OTHER ACCIDENTS AND ADVERSE EFFECTS	287	18.9	7	15	24	40	38	22	29	30	22	60
E950-E959	SUICIDE	196	12.9	—	—	2	43	41	34	29	26	16	4
E960-E978	HOMICIDE AND LEGAL INTERVENTION	59	3.9	4	6	1	13	12	8	9	5	1	—
E980-E999	ALL OTHER EXTERNAL CAUSES	44	2.9	1	—	1	7	13	9	7	4	2	—
	RESIDUAL	837	—	12	13	6	20	27	28	44	98	201	388

NOTE: RATES ARE PER 100,000 POPULATION. TWO DECENDENTS WITH AGE NOT STATED ARE INCLUDED IN TOTALS BUT NOT DISTRIBUTED: ONE IS IN MOTOR VEHICLE ACCIDENTS AND ONE IS IN SUICIDE.

TABLE A-42

DEATHS BY PLACE WHERE DEATH OCCURRED BY COUNTY OF OCCURRENCE: UTAH, 1981

COUNTY OF OCCURENCE	TOTAL DEATHS	HOSPITAL	HOME	ENROUTE	NURSING HOME	CLINIC OFFICE	OTHER LOCATION
TOTAL	8,640	4,464	1,894	557	1,439	15	271
BEAVER	42	23	13	--	--	--	6
BOX ELDER	197	62	50	14	62	--	9
CACHE	262	113	71	25	48	1	4
CARBON	163	78	14	48	19	--	4
DAGGETT	1	--	1	--	--	--	--
DAVIS	483	202	134	31	110	1	5
DUCHESNE	93	24	25	15	16	--	13
EMERY	34	--	12	2	11	2	7
GARFIELD	47	19	7	8	--	--	13
GRAND	52	27	9	7	1	--	8
IRON	117	50	21	23	11	1	11
JUAB	30	4	7	1	10	--	8
KANE	25	16	2	4	--	1	2
MILLARD	63	26	14	12	1	--	10
MORGAN	11	--	9	--	--	--	2
PIUTE	4	--	3	--	--	--	1
RICH	6	--	1	--	--	--	5
SALT LAKE	4,225	2,382	891	157	736	5	54
SAN JUAN	60	26	10	3	4	--	17
SANPETE	104	60	28	6	2	--	8
SEVIER	103	39	18	13	27	--	6
SUMMIT	48	13	17	4	--	3	11
TOOELE	105	25	24	18	15	--	23
UINTAH	74	36	16	17	--	--	5
UTAH	953	548	216	56	116	--	17
WASATCH	58	26	10	12	5	--	5
WASHINGTON	195	79	42	10	54	--	10
WEBER	1,085	586	229	71	191	1	7

TABLE A-43

VIOLENT DEATHS BY AGE, SEX AND CAUSE, RESIDENTS: UTAH, 1981

AGE AND SEX OF DECEDENT	TOTAL DEATHS	ACCIDENT E800-E949	ALCOHOLISM 291, 303, 571.0-571.3	SUICIDE E950-E959	HOMICIDE E960-E979	UNDETERMINED IF INJURY WAS INFLICTED ACCIDENTALLY OR PURPOSELY E980-E989
TOTAL	978	630	51	196	59	42
UNDER 15	95	79	--	3	11	2
MALE	67	55	--	3	7	2
FEMALE	28	24	--	--	4	--
15-19	92	69	--	17	4	2
MALE	73	54	--	14	3	2
FEMALE	19	15	--	3	1	--
20-24	132	92	--	26	9	5
MALE	109	77	--	22	5	5
FEMALE	23	15	--	4	4	--
25-34	177	108	3	41	12	13
MALE	144	88	1	35	10	10
FEMALE	33	20	2	6	2	3
35-44	114	54	9	34	8	9
MALE	88	43	5	26	7	7
FEMALE	26	11	4	8	1	2
45-54	108	56	7	29	9	7
MALE	79	41	7	21	7	3
FEMALE	29	15	--	8	2	4
55-64	107	53	20	26	5	3
MALE	77	38	15	20	4	--
FEMALE	30	15	5	6	1	3
65-74	70	40	12	16	1	1
MALE	49	24	9	15	1	--
FEMALE	21	16	3	1	--	1
75-84	43	39	--	4	--	--
MALE	17	13	--	4	--	--
FEMALE	26	26	--	--	--	--
85+	40	40	--	--	--	--
MALE	18	18	--	--	--	--
FEMALE	22	22	--	--	--	--

TABLE A-44

VIOLENT DEATHS BY RESIDENCE AND CAUSE: UTAH, 1981

COUNTY AND DISTRICT OF RESIDENCE	TOTAL DEATHS	ACCIDENT E800-E949	ALCOHOLISM 291- 303, 571.0-571.3	HOMICIDE E960-E979	SUCIDE E950-E959	UNDETERMINED IF INJURY WAS INFLICTED ACCIDENTALLY OR PURPOSELY E980-E989
TOTAL	978	630	51	59	196	42
DISTRICT 1	63	50	--	2	11	--
BOX ELDER	32	29	--	1	2	--
CACHE	29	19	--	1	9	--
RICH	2	2	--	--	--	--
DISTRICT 2N	182	113	11	8	39	11
DAVIS	69	43	2	3	17	4
MORGAN	2	1	--	1	--	--
WEBER	111	69	9	4	22	7
DISTRICT 2S	431	262	21	31	98	19
SALT LAKE	408	246	20	31	92	19
TOOELE	23	16	1	--	6	--
DISTRICT 3	97	62	3	5	21	6
SUMMIT	11	8	1	--	1	1
UTAH	77	45	2	5	20	5
WASATCH	9	9	--	--	--	--
DISTRICT 4	43	33	3	1	4	2
JUAB	6	5	--	--	--	1
MILLARD	13	9	1	--	3	--
PIUTE	1	1	--	--	--	--
SANPETE	11	8	--	1	1	1
SEVIER	11	9	2	--	--	1
WAYNE	1	1	--	--	--	--
DISTRICT 5	41	24	4	1	11	1
BEAVER	6	1	3	1	1	--
GARFIELD	3	2	--	--	--	1
IRON	10	8	--	--	2	--
KANE	3	1	--	--	2	--
WASHINGTON	19	12	1	--	6	--
DISTRICT 6	52	38	3	5	6	--
DAGGETT	3	1	1	--	1	--
DUCHESNE	14	10	1	2	1	--
UINTAH	35	27	1	3	4	--
DISTRICT 7	69	48	6	6	6	3
CARBON	32	24	1	2	3	2
EMERY	16	12	2	1	1	--
GRAND	7	3	3	--	--	1
SAN JUAN	14	9	--	3	2	--

TABLE A-45

VIOLENT DEATHS BY RACE, SEX AND CAUSE, RESIDENTS: UTAH, 1981

RACE AND SEX	TOTAL DEATHS	ACCIDENT E800-E949	ALCOHOLISM 291, 303 571.0-571.3	SUICIDE E950-E959	HOMICIDE E960-E979	UNDETERMINED IF INJURY WAS INFLICTED ACCIDENTALLY OR PURPOSELY E980-E989
TOTAL	978	630	51	196	59	42
WHITE	934	602	49	191	50	42
MALE	692	432	36	157	38	29
FEMALE	242	170	13	34	12	13
BLACK	6	4	--	--	2	--
MALE	4	3	--	--	1	--
FEMALE	2	1	--	--	1	--
INDIAN	31	20	2	3	6	--
MALE	23	14	1	3	5	--
FEMALE	8	6	1	--	1	--
OTHER NONWHITE	7	4	--	2	1	--
MALE	2	2	--	--	--	--
FEMALE	5	2	--	2	1	--

TABLE A-46

ACCIDENTAL DEATH OCCURRENCES BY MONTH AND TYPE OF ACCIDENT: UTAH, 1981

TYPE OF ACCIDENT	TOTAL DEATHS	MONTH OF DEATH											
		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
TOTAL	725	44	37	44	56	69	76	85	86	51	64	59	54
RAILWAY (E800-E807)	4	1	--	1	--	--	--	--	2	--	--	--	--
MOTOR VEHICLE (E810-E825)	397	26	22	24	33	30	40	48	44	27	33	34	36
WATER TRANSPORT (E840-E838)	6	--	--	--	--	--	2	1	--	1	2	--	--
AIR AND SPACE TRANSPORT (E840-E845)	38	1	--	--	4	9	4	4	2	1	8	4	1
POISONING (E850-E869)	14	1	--	3	--	1	--	--	--	--	4	2	3
FALLS (E880-E888)	93	4	7	1	7	12	12	10	12	9	4	6	9
FIRE AND FLAMES (E890-E899)	18	--	--	2	1	1	1	--	5	1	3	3	1
NATURE AND ENVIRONMENT (E900-E909)	8	--	3	1	--	--	--	2	2	--	--	--	--
DROWNING AND SUBMERSION (E910	33	1	1	1	--	4	3	8	7	2	3	2	1
INHALATION AND INGESTION OF FOOD CAUSING OBSTRUCTION OR SUFFOCATION (E911)	9	--	--	2	3	--	1	1	--	--	--	1	1
INHALATION AND INGESTION OF OTHER OBJECT CAUSING OBSTRUCTION OR SUFFOCATION (E912)	2	1	1	--	--	--	--	--	--	--	--	--	--
MECHANICAL SUFFOCATION (E913)	12	1	--	2	2	1	2	--	1	2	--	1	--
HIT BY OBJECT (E916-E918)	15	2	1	2	1	3	2	1	1	1	--	1	--
MACHINERY (E919)	15	2	1	3	2	1	1	--	4	1	--	--	--
FIREARM MISSILES (E922)	11	--	--	--	--	1	2	--	2	1	3	2	--
EXPLOSIVE MATERIALS (E923)	9	--	--	--	--	--	--	5	--	3	1	--	--
ELECTRIC CURRENT (E925)	10	1	--	--	2	1	1	2	--	--	2	1	--
LATE EFFECTS OF ACCIDENTAL INJURY (E929)	5	1	1	--	1	1	--	--	1	--	--	--	--
OTHER	26	2	--	2	1	4	4	3	4	1	1	2	2

TABLE A-47

ACCIDENTAL DEATH OCCURRENCES BY AGE, SEX AND TYPE OF ACCIDENT: UTAH, 1981

AGE AND SEX OF DECEDENT	TOTAL DEATHS	TYPE OF ACCIDENT																			
		RAILWAY E800 E807	MOTOR VEHICLE E810 E825	WATER TRANS. E830 E838	AIR & SPACE TRANS. E840 E845	POISON E850 E869	FALL E880 E888	FIRE E890 E899	NATURE & ENVIRONMENTAL E900 E909	DROWNING E910	INHALATION OF FOOD E911	INHALATION OTHER OBJECT E912	MECHANICAL SUFFOCATION E913	HIT BY OBJECT E916 E918	MACHINERY E919	GUNS E922	EXPLOSIVES E923	ELECTRIC CURRENT E925	SURG. MEDICAL E870 E876	LATE EFFECTS E929	OTHER
TOTAL	725	4	397	6	38	14	93	18	8	33	9	2	12	15	15	11	9	10	--	5	26
UNDER 15	85	--	37	--	2	4	2	2	1	11	1	2	8	1	4	4	--	3	--	--	3
MALE	59	--	24	--	1	3	2	2	1	6	1	2	6	1	3	4	--	2	--	--	1
FEMALE	26	--	13	--	1	1	--	--	--	5	--	--	2	--	1	--	--	1	--	--	2
15-19	75	--	54	--	2	1	3	--	1	5	--	--	--	1	2	2	3	--	--	1	--
MALE	57	--	37	--	2	1	2	--	1	5	--	--	--	1	2	2	3	--	--	1	--
FEMALE	18	--	17	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
20-24	98	2	76	2	3	1	3	1	--	1	--	--	1	2	1	1	2	1	--	--	1
MALE	82	2	60	2	3	1	3	1	--	1	--	--	1	2	1	1	2	1	--	--	1
FEMALE	16	--	16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
25-34	136	1	87	2	11	2	3	3	2	6	1	--	1	6	3	2	--	3	--	1	2
MALE	109	1	66	2	8	2	3	2	1	5	1	--	1	6	3	2	--	3	--	1	2
FEMALE	27	--	21	--	3	--	--	1	1	1	--	--	--	--	--	--	--	--	--	--	--
35-44	70	1	39	2	10	1	4	1	1	2	1	--	2	1	1	1	--	--	--	--	3
MALE	57	1	29	2	8	1	4	1	1	1	1	--	2	1	1	1	--	--	--	--	3
FEMALE	13	--	10	--	2	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--
45-54	62	--	29	--	5	--	9	3	3	3	--	--	--	1	1	--	2	2	--	3	1
MALE	44	--	18	--	5	--	5	2	3	3	--	--	--	1	1	--	1	2	--	2	1
FEMALE	18	--	11	--	--	--	4	1	--	--	--	--	--	--	--	--	1	--	--	1	--
55-64	66	--	31	--	5	2	15	4	--	2	1	--	--	1	--	--	--	1	--	--	4
MALE	47	--	22	--	5	2	10	2	--	2	--	--	--	1	--	--	--	1	--	--	2
FEMALE	19	--	9	--	--	--	5	2	--	--	1	--	--	--	--	--	--	--	--	--	2
65-OVER	132	--	44	--	--	3	53	4	--	3	5	--	--	2	3	1	2	--	--	--	12
MALE	69	--	25	--	--	2	22	1	--	2	5	--	--	2	3	1	1	--	--	--	5
FEMALE	63	--	19	--	--	1	31	3	--	1	--	--	--	--	--	--	1	--	--	--	7
75-OVER	1	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MALE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
FEMALE	1	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Vital Statistics Registration in Utah

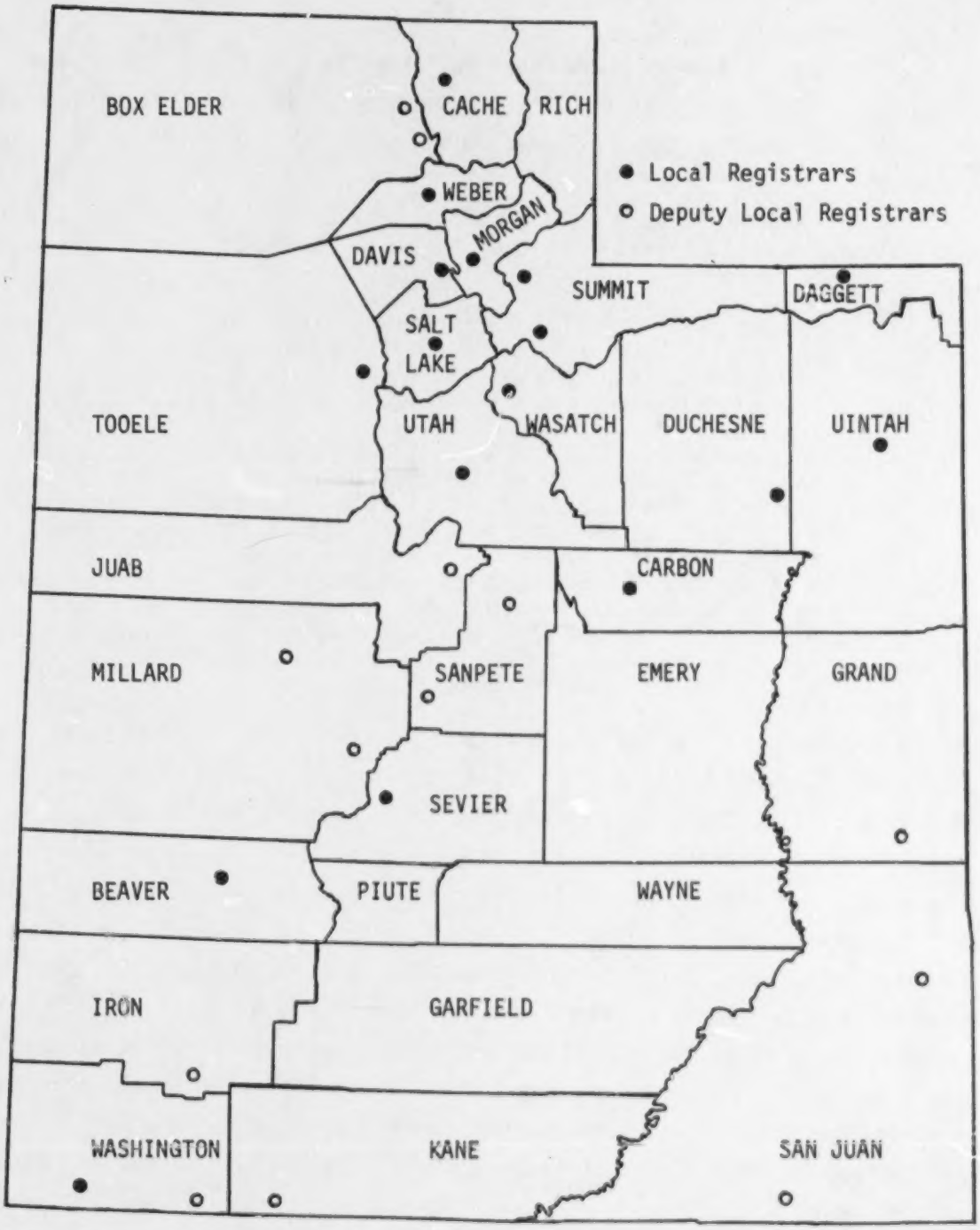
Centralized vital statistics registration for the State of Utah was first established by act of the Utah Legislature in 1905. The latest revision of the law is found in the 1953 Session Laws, Sections 26-15-9 to 26-15-10 as follows:

> The State Division of Health shall have and exercise the following powers and duties in addition to all other powers and duties imposed on it by law:
>
> a. Provide suitable offices properly equipped for the preservation of all records made or received under the provision of this act;
> b. Install a state-wide system of vital statistics;
> c. Prescribe forms for the collection, compilation, publication, and preservation of vital statistics;
> d. Enforce this act and its regulations made pursuant thereto;
> e. Appoint a Director of Vital Statistics;
> f. Divide the State from time to time into registration districts which will conform to political subdivisions or a combination thereof, or parts thereof;
> g. Appoint local registration officers for such registration districts as are established by the division. Such local registration officers, under the direction and supervision of the division, shall perform all duties required of them by this act and the regulations of the board.

Under Utah statutes, full-time health officers of local health departments become ex officio local registrars and are responsible for the registration of certificates for all births and deaths that occur within their respective jurisdictions. Four of the 29 counties (Salt Lake, Utah, Weber, and Davis), and four multicounty districts--Southeast (Carbon, Emery, Grand, and San Juan Counties), Bear River (Box Elder, Cache, and Rich Counties), Southwest (Garfield, Iron, Kane, and Washington Counties), and Central (Juab, Millard, Piute, Sanpete, Sevier, and Wayne Counties) maintain full-time local registrars. The local registrars within the remaining eight counties are appointed by the State and usually perform their duties on a part-time basis, and in many cases simultaneously assume other positions within their community. The map of the State of Utah (Figure C-1) indicates the location of the local registrars within each of the 29 counties. Presently, there are 18 local registrars and 19 deputy local registrars in the State.

FIGURE C-1

LOCATION OF LOCAL REGISTRARS OF VITAL STATISTICS
UTAH, 1981



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CERTIFICATE OF LIVE BIRTH

STATE OF UTAH — DEPARTMENT OF HEALTH

LOCAL FILE NUMBER

STATE BIRTH NUMBER

CHILD

1. CHILD—NAME (First, Middle, Last)
2. SEX
3. DATE OF BIRTH (Month, Day, Year)
3b. HOUR (24 hr. clock)
4a. PLACE OF BIRTH—HOSPITAL NAME (If not in hospital, give street and number)
4b. CITY, TOWN OR LOCATION OF BIRTH
4c. COUNTY OF BIRTH

CERTIFIER

5a. I CERTIFY THAT THE ABOVE NAMED CHILD WAS BORN ALIVE AT THE PLACE AND TIME AND ON THE DATE STATED ABOVE. Signature
5b. CERTIFIER'S NAME AND TITLE (Type and check box) Hospital Administrator ☐ Designated Representative ☐
5c. DATE SIGNED (Month, Day, Year)
6a. I CERTIFY THAT THE ABOVE NAMED CHILD WAS BORN ALIVE AT THE PLACE AND TIME AND ON THE DATE STATED ABOVE. Attendant Signature
6b. Attendant—NAME, TITLE (MD, DO, Certified Midwife, other) (type or print)
6c. LICENSE NO.

REGISTRAR

7a. REGISTRAR—(Signature)
7b. DATE RECEIVED BY REGISTRAR (Mo., Day, Year)
8a. MAILING ADDRESS OF ATTENDANT (Street or R.F.D. No., City or Town, State, Zip.)

MOTHER

9. MOTHER—NAME (First, Middle, Maiden Name)
9. DATE OF BIRTH (Mo., Day, Year)
9. AGE
10. STATE OF BIRTH (If not in USA, name country)
11a. RESIDENCE—STREET AND NUMBER OF RESIDENCE
11b. CITY, TOWN OR LOCATION
11c. INSIDE CITY LIMITS YES ☐ NO ☐
11d. COUNTY
11e. STATE
12a. MOTHER'S MAILING ADDRESS—If same as above, enter Zip Code only STREET ADDRESS OR P.O. BOX NUMBER
12b. CITY OR TOWN
12c. STATE
12d. ZIP CODE

FATHER

13. FATHER—NAME (First, Middle, Last)
14. DATE OF BIRTH (Mo., Day, Year)
14. AGE
15. STATE OF BIRTH (If not in U.S.A., name country)

INFORMANT

16a. I certify that the personal information provided on this certificate is correct to the best of my knowledge and belief (Signature of Parent or Other informant)
16b. RELATION TO CHILD

PRIVATE INFORMATION FOR MEDICAL AND HEALTH USE ONLY

TO BE COMPLETED BY PARENTS

17a. SPANISH ORIGIN — Mother: Yes ☐ No ☐ If yes, indicate ☐ Mexican ☐ Cuban ☐ Puerto Rican ☐ Of Spanish origin not listed
17b. SPANISH ORIGIN — Father: Yes ☐ No ☐ If yes, indicate ☐ Mexican ☐ Cuban ☐ Puerto Rican ☐ Of Spanish origin not listed

MOTHER / FATHER

18a. USUAL OCCUPATION (Kind of work usually done even if not currently employed)
18b.
18c. KIND OF BUSINESS OR INDUSTRY
18d.
19a. EDUCATION (Specify only highest grade completed) Elementary or secondary (0 through 12) College (13 through 16 or 17 +) MOTHER
19b. FATHER

PREGNANCY HISTORY (Complete each section)

LIVE BIRTHS (Do not include this Child)		OTHER TERMINATIONS (Spontaneous and Induced)	
19c. Now living	19d. Now dead	19e. Before 20 weeks	19f. After 20 weeks
No ☐ None	No ☐ None	No ☐ None	No ☐ None
19g. DATE of last Live Birth (Month, Year)		19h. DATE of last Other Termination (as indicated in d or e above) (Month, Year)	

20a. RACE Specify White, Black, American Indian, Etc. MOTHER
20b. FATHER
21. IS MOTHER MARRIED? YES ☐ NO ☐
22. Has a close relative of the baby had a hearing loss that existed since childhood? YES ☐ NO ☐

THIS MEDICAL INFORMATION IS EXPECTED TO AGREE WITH THE MEDICAL RECORDS OF THE HOSPITAL

23a. THIS BIRTH Single, twin, triplet, etc. Specify
23b. If not single birth—Born first, second, third, etc. Specify
24. COMPLICATIONS OF PREGNANCY (Describe or write "none")
25. BIRTH INJURIES OF CHILD (Describe or write "none")
26. DATE Last normal menses began (Month, Day, Year)
27. Month Pregnancy Prenatal Care began (First, second, etc.) Specify
28. CONCURRENT ILLNESSES OR CONDITIONS AFFECTING THE PREGNANCY (Describe or write "none")
29a. APGAR SCORE 1 min. 5 min.
29b.
30. PRENATAL VISITS Total No. (If none, so state)
31. DELIVERY (Check One) Presentation: 1. Cephalic 2. Breech 3. Other (Check One) Method: 1. Spontaneous 2. Low Forceps 3. Mid Forceps 4. Primary C-Section 5. Repeat C-Section Indication
32. BIRTH WEIGHT (Grams)
33. CONGENITAL MALFORMATIONS OR ANOMALIES OF CHILD (Describe or write "none")

SDH—BHS—2 - 1/82

FIGURE C-2

- 90 -

TYPE OR PRINT • USE BLACK INK

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CERTIFICATE OF DEATH

STATE OF UTAH - DEPARTMENT OF HEALTH

LOCAL FILE NUMBER

STATE FILE NUMBER

DECEDENT PERSONAL DATA

1. NAME OF DECEDENT — FIRST — MIDDLE — LAST
2. SEX
3. RACE (White, Black, Am. Indian, etc.) Specify
4. DATE OF DEATH (Month, Day, Year)
5. WAS DECEDENT OF SPANISH ORIGIN? YES ☐ NO ☐ If yes, indicate type: Mexican ☐ Puerto Rican ☐ Cuban ☐ Other ☐ (If other, specify)
6. DATE OF BIRTH (Month, Day, Year)
7. AGE (Last Birthday) Yrs. — IF UNDER 1 year: Months, Days — IF UNDER 24 HOURS: Hours, Minutes
8. BIRTHPLACE (State or foreign country)
9. CITIZEN of what country
10. ☐ Never Married ☐ Married ☐ Widowed ☐ Divorced
11. EDUCATION—(Specify only highest grade completed) Elementary or Secondary (0-12) College (13-16 or 17+)
12. SOCIAL SECURITY NUMBER
13a. USUAL OCCUPATION (Give kind of work done during most of working life even if retired.)
13b. KIND OF BUSINESS OR INDUSTRY
14. NAME of surviving spouse (If, wife, enter maiden name.)
15. NAME OF FATHER
16. MAIDEN NAME OF MOTHER
17. Was decedent ever in U.S. Armed Forces? YES ☐ NO ☐

USUAL RESIDENCE

18a. USUAL RESIDENCE—(Street address or location)
18b. INSIDE CITY LIMITS? YES ☐ NO ☐
18c. CITY OR TOWN
18d. COUNTY
18e. STATE AND ZIP CODE
19. NAME, RELATIONSHIP AND MAILING ADDRESS OF INFORMANT

PLACE OF DEATH

20a. NAME of hospital, nursing home or other institution where death occurred. (If outside an institution, give street address or location.) ☐ Inpatient ☐ E.D. patient ☐ DOA
20b. CITY OR TOWN
20c. COUNTY

MEDICAL EXAMINER OR PHYSICIAN'S CERTIFICATION

21a. MEDICAL EXAMINER: I hereby certify that to the best of my knowledge the death occurred at the hour, date and place stated above from the causes stated below based on examination of the body and/or investigation of the circumstances. Decedent was pronounced dead at: HOUR: DATE:
21b. PHYSICIAN OR MEDICAL EXAMINER SIGNATURE
21c. TIME of death (24 hr. clock)
21d. PHYSICIAN: I hereby certify that to the best of my knowledge the death occurred at the hour, date and place stated above from the causes stated below, that I attended the decedent, and I last saw the decedent alive on: month day year
21e. CERTIFIER'S name and title (Type or print)
21f. DATE SIGNED (Month, Day, Year)
22. If not certified by medical examiner, was death reported to him? YES ☐ NO ☐ If yes, enter the date and hour reported: (24 hour clock) HOUR: MO. DAY YEAR
21g. CERTIFIER'S address and zip code
21h. UTAH PHYSICIAN LICENSE NUMBER

FUNERAL DIRECTOR AND LOCAL REGISTRAR

23a. Burial ☐ Removal ☐ Entombment ☐ Cremation ☐ Other ☐
23b. DATE
24. SIGNATURE of Funeral Director
25. FUNERAL HOME—Name, address and license number
26. NAME AND LOCATION OF CEMETERY OR CREMATORY
27. LOCAL REGISTRAR—Signature
28. Date accepted for registration by local registrar

MEDICAL AND HEALTH DATA

CAUSE OF DEATH

29. PART I. DEATH WAS CAUSED BY: IMMEDIATE CAUSE: (A) (Enter only one cause per line for A, B and C) — Interval between onset and death
CONDITIONS IF ANY WHICH GAVE RISE TO THE IMMEDIATE CAUSE (A). STATING THE UNDERLYING CAUSE LAST.
DUE TO, OR AS A CONSEQUENCE OF (B) — Interval between onset and death
DUE TO, OR AS A CONSEQUENCE OF (C) — Interval between onset and death

30. PART II. OTHER SIGNIFICANT CONDITIONS—CONTRIBUTING TO DEATH, BUT NOT RELATED TO THE IMMEDIATE CAUSE GIVEN IN PART I.
31a. AUTOPSY YES ☐ NO ☐
31b. IF YES, were findings considered in determining cause of death? YES ☐ NO ☐

INJURY INFORMATION

32. Accident ☐ Suicide ☐ Homicide ☐ Pending Investigation ☐ Undetermined if Injured Accidently or Purposely ☐
33a. DATE of Injury (Month, Day, Year)
33b. TIME OF INJURY (24 Hour Clock)
34. INJURY AT WORK? YES ☐ NO ☐
35. PLACE OF INJURY (Specify home, farm, factory, freeway, street, office buildings, etc.)
36a. LOCATION OF INJURY—STREET AND NUMBER OR LOCATION AND CITY OR TOWN.
36b. Distance from place of injury to usual residence (Item 18) Miles
37. Were laboratory tests done for drugs or toxic chemicals? YES ☐ NO ☐
38. Were laboratory tests done for alcohol? YES ☐ NO ☐
39. DESCRIBE HOW INJURY OCCURRED (enter sequence of events which resulted in injury, NATURE OF INJURY SHOULD BE ENTERED IN ITEM 29)
40. If motor vehicle accident, specify if decedent was driver, passenger or pedestrian.

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FIGURE C-3

FETAL DEATH CERTIFICATE

This form is classified as PRIVATE under the Utah Information Practices Act.

STATE OF UTAH—DIVISION OF HEALTH

LOCAL FILE NUMBER — TYPE OR PRINT – USE BLACK INK — STATE FILE NUMBER

DELIVERY AND FETUS INFORMATION

NAME – of Hospital where delivery occurred *(If not in hospital, give street and number)* 1a.

CITY, TOWN OR LOCATION OF DELIVERY 1b.

COUNTY OF DELIVERY 1c.

SEX OF FETUS	WEIGHT OF FETUS	This Delivery - Single, twin, triplet, etc. *(Specify)*	If not single - Delivered first, second, third, etc. *(Specify)*	DATE OF DELIVERY *(Mo., Day, Yr.)*	HOUR OF DELIVERY *24 hr. clock*
2.	3.	4a.	4b.	5a.	5b.

PARENT'S INFORMATION

MOTHER—Maiden Name *First Middle Last* 6.

DATE OF BIRTH *(Mo., Day, Yr.)* 7. — AGE

RESIDENCE—STATE 8a. — COUNTY 8b.

CITY, TOWN OR LOCATION 8c. — STREET ADDRESS & ZIP CODE 8d. — INSIDE CITY LIMITS? Yes ☐ No ☐ 8e.

RACE—(e.g., White, Black, Am. Indian, etc.) *Specify*
MOTHER 8f. — FATHER 8g.

EDUCATION (Specify only highest grade completed)
Elementary or secondary (0-12) - College (13-16 or 17+)
MOTHER: 10a. — FATHER: 10b.

SPANISH ORIGIN?
Mother: Yes ☐ No ☐ If yes, indicate ☐ Mexican ☐ Cuban ☐ Puerto Rican ☐ Other, *Specify* 12a.
Father: Yes ☐ No ☐ If yes, indicate ☐ Mexican ☐ Cuban ☐ Puerto Rican ☐ Other, *Specify* 12b.

Usual Occupation—(Kind of work usually done even if not currently employed) *(Specify)*
MOTHER: 11. — FATHER:

DATE Last normal menses began *(Mo., Day, Yr.)* 13.

Month of Pregnancy Prenatal Care began (first, second, etc.) *Specify* 14.

PRENATAL VISITS Total No. *(If none, so state)* 15.

IS MOTHER MARRIED? Yes ☐ No ☐ 16.

PREGNANCY HISTORY (Complete each section)

LIVE BIRTHS *(Do not include this Delivery)*
9a. Now Living No. ☐ None
9b. Now dead No. ☐ None

OTHER TERMINATIONS *(Spontaneous and Induced)*
9d. Before 20 wks. No. ☐ None
9e. After 20 wks. No. ☐ None

DATE of last Live Birth *(Mo., Yr.)* 9c.

DATE of last Other Termination *(as indicated in d or e above)* *(Mo., Yr.)* 9f.

FATHER—Name *First Middle Last* 17.

DATE OF BIRTH *(Mo., Day, Yr.)* 18. — AGE

CAUSE OF FETAL DEATH

19. I — Fetal or maternal condition directly causing fetal death.
a. IMMEDIATE CAUSE *(Enter only one cause per line for a, b, and c)* — Specify Fetal or Maternal

Fetal and/or maternal conditions, if any giving rise to the immediate cause (a), stating the underlying cause last.
b. DUE TO, or AS A CONSEQUENCE OF: — Specify Fetal or Maternal
c. DUE TO, or AS A CONSEQUENCE OF: — Specify Fetal or Maternal

II — OTHER SIGNIFICANT CONDITIONS OF FETUS OR MOTHER: Conditions contributing to fetal death but not related to cause given in (a)

FETUS DIED - Before labor, during labor or delivery, Unknown *(Specify)* 20.

PHYSICIAN'S ESTIMATE OF GESTATION 21. WEEKS

AUTOPSY *(Specify yes or no)* 22.

COMPLICATIONS OF PREGNANCY *(Describe or write "none")* 23.

METHOD OF DELIVERY (Check all applicable boxes) 24.
☐ Spontaneous/Vaginal ☐ Cesarean Section ☐ Emergency ☐ Repeat
☐ Mid Forceps *(If Cesarean, was it?)* ☐ Elective ☐ Primary

CONCURRENT ILLNESSES OR CONDITIONS AFFECTING THE PREGNANCY *(Describe or write "none")* 25.

CONGENITAL MALFORMATIONS OR ANOMALIES OF FETUS *(Describe or write "none")* 26.

I certify that the fetus identified above was delivered at the place and time and on the date stated above and did not show evidence of life, and to the best of my knowledge died from the causes stated.
27. Attendant Signature ▶

Attendant—NAME, TITLE (MD, DO, Certified Midwife, Other) AND LICENSE NO. *(Type or Print)* 28.

DISPOSITION OF FETUS

BURIAL, CREMATION, OR REMOVAL *(Specify)* 29.

CEMETERY OR CREMATORY—Name 30.

LOCATION *(City, town, state)* 31.

DATE *(Mo., Day, Year)* 32.

FUNERAL HOME—Name, address & license no. *(Street or R.F.D. No., City or Town, State, Zip Code)* 33.

FUNERAL DIRECTOR—Name 34.

REGISTRAR—Signature 35. ▶

DATE received by local registrar *(Mo., Day, Yr.)* 36.

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FIGURE C-4

Source of Data

Vital statistics certificates filed with the State Bureau of Health Statistics are the primary source of data presented within this report. These records include certificates of live birth, death, and fetal death. Source data for population estimates are provided by the United States Bureau of the Census.

Certificate Revision

The Utah certificates of live birth, death, and fetal death have been revised periodically; the most recent revision occurring in 1982 for the birth, 1981 for death, and 1978 for fetal death. These certificates were adopted by the State Board of Health and distributed to the local registrars for use in registering all such events occurring in 1980 (Figures C-2, C-3, and C-4). The new certificates include all of the items on the recommended national "Standard Certificates," with some modifications and additions to meet particular needs in Utah.

Quality and Limitations of Data

Limitations of the data must be recognized before valid interpretation is possible. For vital statistics data, these limitations are related to the difficulties in reporting and classifying information, and to some under-registration of events. It is necessary to exercise particular caution when evaluating vital statistics trend data, since medical concepts, code definitions, and method of assigning causes of death have changed over the years.

The completeness of registration for births was last tested at the state level in conjunction with the 1950 U.S. Census of the population and was found to be 98.7 percent complete at that time. At the present time, more than 99 percent of all Utah births occur in hospitals. This fact, coupled with information from sample studies, indicates that the completeness of birth certificate registration now exceeds 99 percent. It is recognized that there is some under-registration of infants who die shortly after birth.

The registration of fetal deaths of more than 20 weeks gestation is required by statute. Many fetal deaths are disposed of without a funeral and a fetal death certificate is not prepared at the time of disposition. Therefore, is is widely recognized that there is incomplete registration of fetal deaths. Because of the under-registration of fetal deaths, the Utah

data probably understate the size of this problem and the statistics about associated factors and causes of fetal deaths may be unreliable.

Death certificate registration is thought to be nearly 100 percent complete because a death certificate must be filed before disposition of the remains can be made. There may be some under-registration of infant deaths occurring in the first day of life.

Limitations of Small Numbers

All statistics are subject to chance variation. Such random variation in a large number of events has little effect on the data for the group, however, random variation in a small number of events may result in a startling change in the data for the group. For example, minor differences in the number of births or deaths in small populations or in the number of deaths from uncommon causes may result in large changes in these rates. Rates for areas of small population or for events with few occurrences should be interpreted with this limitation in mind.

Cause of Death

Cause-of-death statistics are derived from the medical certification information required by law to be reported on the death or fetal death certificate by the attending physician or medical examiner. The medical certification item on certificates of death and fetal death has provisions for reporting three causes of death--immediate, intervening, and underlying, plus additional information related to the cause of death. The cause of death selected for coding and tabulating mortality statistics is the "underlying cause of death," which is generally defined as the disease or injury which initiated the sequence of morbid events leading directly to death.

Occasionally, death certificates are registered with the cause-of-death information incomplete, inconsistent, or equivocal, and additional information from the certifier is not available. In such cases, selection and modification rules are used to select the underlying cause of death for statistical purposes. Selection and modification rules which adapt the coding procedures to reporting practices in the United States are published by the Public Health Service, National Center for Health Statistics, in annual editions of the Vital Statistics Instructional Manual. From January 1, 1968 through December 31, 1978, the Eighth Revision International Classification of Diseases was used in classifying the underlying cause of death on Utah death certificates. Starting January 1, 1979, the Ninth

Revision of the International Classification of Diseases has been used to code the underlying cause of death in Utah. Comparability ratios between revisions have been computed by the National Center for Health Statistics[1] and have been published in the Utah Vital Statistics Annual Report 1980. Comparability ratios for some cause-of-death codes are extremely high and utmost caution should be taken in interpreting any cause-of-death trends that span the Eighth and Ninth Revisions of the International Classification of Disease.

Geographic Bases

Birth and death data are presented by place of occurrence of the event or by place of unusual residence of the individual. For deaths, "place of residence" is defined as the usual residence of the decedent. For births, "place of residence" for the child is defined as the usual residence of the mother.

Reallocation of birth and death certificates to the state of residence has been virtually complete on a nationwide basis since 1955. This is made possible by a cooperative program among the states for exchange of copies of certificates of nonresident events for statistical purposes only.

It is considered to be meaningful for some purposes to tabulate accidental deaths by place of occurrence rather than by place of residence. Statistical tabulations of accidental deaths "by place of occurrence" refer to the place where the death occurred, and not the place where the accident occurred. A hypothetical example may help to clarify the above explanation. Assume that a resident of Denver, Colorado is involved in a motor vehicle accident in Wendover, Nevada and requires emergency aid of a special nature. The closest available facility is at the University Medical Center in Salt Lake City, Utah. After arriving at the hospital, the patient succumbs to conditions arising from the accident. In such a case the "place of occurrence" of the death for statistical purposes would be Salt Lake City, Utah, not Wendover, Nevada.

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[1]"Estimates of Selected Comparability Ratios Based on Dual Coding of 1976 Death Certificates by the Eighth and Ninth Revisions of the International Classification of Diseases," Monthly Vital Statistics Report, National Center for Health Statistics, DHEW Publication No. (PHS) 80-1120, Vol. 28, No. 11, Supplement, February 29, 1980, Hyattsville, Md., pp 12-13.